CREATIVO®

LIVING A NEW LIFE

TdS: Item code 0896 **C R E A T I V O®** | Last update 15/11/2022

Microcement and resin system for the creation of vertical and horizontal seamless surfaces. CE-marked according to UNI EN ISO 13813 *Materials for screeds: proprieties and requirements* and HACCP-certified for the use in high hygiene environments such as food rooms. Dynamic friction coefficient compliant to Italian regulation D.M. no. 236.

CHARACTERISTICS:

CREATIVO® is the ideal system for the creation of seamless luxury surfaces with an innovative design. It is highly suitable for the finishing of vertical and horizontal surfaces, both indoor and outdoor such as: walls and floors in both residential, commercial and industrial buildings. It is particularly indicated for use in hospitals and clinics, food rooms, retail shops, showrooms, malls. It is also ideal for the decoration and renovation of bathroom, shower rooms, radiant floors, furniture, tables and countertops. **CREATIVO®** is a high-performance system which guarantees excellent bond with the substrate, flexibility, resistance to compression, bumps, traction, frictions and scratches. It is resistant to alkaline detergents; acids and the most common general detergents use in private and professional cleaning. **CREATIVO®** is **HACCP-certified** for use in food rooms and is **CE-marked** according to **UNI EN 13813**. **CREATIVO®** has also obtained **Bfl-s1** classification according to the **norm UNI EN 13501-1: 2009** for reaction to fire.

CREATIVO® is a practical, sustainable and easy system in Urban Regeneration, as:

- it is easy to apply thanks to a minimal DFT (total system thickness around 2-3 mm), thus allowing to save the cost of adapting the interior fittings (doors, windows) to the new flooring system.
- it is sustainable and eco-friendly as it is applied directly on screed and/or ceramic surfaces avoiding their removal and disposal.
- it is formulated with raw material that have the lowest impact on the environment and is compliant with the regulations for the attainment of credits according to **LEED** and **GBC** certifications.
- it is 100% Made in Italy. **CREATIVO®** combines high quality and an innovative design to offer maximum protection, safety and living comfort.
- Does not release any harmful emission and obtained the "**A+**" classification (the best according to French regulation for VOC indoor emissions).

CREATIVO® has low water absorption and medium vapour permeability properties. The high mechanical resistances allow the use of trolleys and carts on it, but we do not recommend to expose **CREATIVO®** floor to high friction abrasive actions. **CREATIVO®** has a high degree of skid resistance, with a dynamic friction coefficient, both in wet and dry conditions, within the requirements of **Italian Ministry Regulation 1989 no. 236**. In wet conditions, the floor will anyway be more slippery.
CREATIVO® is available in an endless range of colours easily achievable with **COLORPLUS® EVOLUTION** tinting system: select the right colour for your environment from **Armonie d'Interni** colour card. In the CREATIVO range you can also find **CREATIVO® ROCK** and **CREATIVO® SALE E PEPE** (salt & pepper): two types of **FINITURA** with a selected grain size and special aggregates that give to each finish its unique look.

USE:

CREATIVO® can be applied on cement screeds, ceramic surfaces, porcelain, mosaics, concrete, plasters, renders, gypsum and plasterboards, epoxy coatings, polyurethane coatings, organic surfaces or natural inorganic ones if well sound. This makes **CREATIVO®** system ideal for new floorings or renovation and home makeovers without the need to scrap the existing flooring, thus making it cost and time efficient.
CREATIVO® finds its ideal use in private residential projects, apartments, villas, public spaces such as retail shops, showrooms, offices, hotels, restaurants, coffee shops, clubs, shopping malls, clinics, hospitals, shop floors, industrial buildings, food activities and wherever the aim is to get an exclusive, innovative, fashionable or natural concrete look, Tadelakt or Coccio Pesto design. It can also be applied outside or in kitchens, bathrooms and showers. Prolonged direct contact with water and water stagnating areas could cause, in time, shades. It is therefore necessary to create the right slope to allow the correct flow of water.

SYSTEM COMPOSITION:

CREATIVO® system is composed by the following products:

- **CREATIVO® FONDO:** microfibrated mortar in paste composed of coarse mineral aggregates, resins and special additives to improve performances and application. **CREATIVO® FONDO** has to be mixed with **CREATIVO® MICROCEMENTO** (ratio 2:1) before application. Grain size of **CREATIVO® FONDO** is 0.5 mm and serves as the system ground coat, but can also be used as a finishing coat in case a highly textured design wants to be achieved. In this case, **CREATIVO® FONDO** can be coloured with the tinting machine in the desired colour available with the **COLORPLUS®** tinting system.
  PLEASE NOTE: We recommend to pay attention and strictly follow the mixing ratio of **CREATIVO® MICROCEMENTO** and **CREATIVO® FONDO**, especially when only a partial quantity and not the full drum is used and/or when **CREATIVO® FONDO** is coloured.

- **CREATIVO® FINITURA:** microfibrated mortar in paste composed of fine mineral aggregates, resins and special additives to improve performances and application. **CREATIVO® FINITURA** has to be mixed with **CREATIVO® MICROCEMENTO** (ratio 2:1) before application. Grain size of **CREATIVO® FINITURA** is 0.3 mm and it is designed to be used as a finishing coat in the desired colour obtained with the **COLORPLUS®** tinting system.
  PLEASE NOTE: We recommend to pay attention and strictly follow the mixing ratio of **CREATIVO® MICROCEMENTO** and **CREATIVO® FINITURA,** especially when only a partial quantity and not the full drum is used and/or when **CREATIVO® FINITURA** is coloured.

  CREATIVO® MICROCEMENTO: powder-based additive for **CREATIVO® FONDO**, **CREATIVO® FINITURA**, **CREATIVO® ROCK** and **CREATIVO® SALE E PEPE** based on special 525 micronized white cement and

special additives to improve application and guarantee high resistance and flexibility performances. **CREATIVO® MICROCEMENTO** has to be mixed directly with **CREATIVO® FONDO** or **FINITURA** and mixed with a drill for at least 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Pot life of the two components, once mixed, is 1 hour, do not use the mixture after this time, do not add water, cement or aggregates as it will affect negatively the correct balance of the mix that will lead to a decrease of physical and mechanical performances.

- **CREATIVO® PRIMER:** acrylic microemulsion, with high penetrating and consolidating characteristics. Ideal to reduce absorbency of **CREATIVO® TOP**.
- **CREATIVO® TOP:** Water based two component polyurethane transparent protective top coat, **HACCP** certified for the use in environments with foods or where high hygiene is required. **CREATIVO® TOP** is available with **GLOSSY** (LUCIDO), **SATIN** (SATINATO) and **MATT** (OPACO) finish. **CREATIVO® TOP** has to be catalyzed with component B 20% of weight ratio (1 kg component A + 0.2 kg component B). Mix well **component A** before adding **component B**. Pot-life of the mixed product is 1 hour, do not use it after. **CREATIVO® TOP** has an aliphatic nature, therefore it does not turn yellow and is UV-resistant. 80% of the physical and chemical resistances are developed after 3 days. Full mechanical and chemical performance are achieved after 7 days from application. Environment conditions (temperature, humidity) can affect drying and curing time.
- **CREATIVO® SALE E PEPE:** special off-white finish coat with salt & pepper effect. Mortar in paste composed of resins, white and black mineral aggregates of selected grain size and special additives to improve application and performance. **CREATIVO® SALE E PEPE** is mixed with **CREATIVO® MICROCEMENTO** in a 2:1 ratio in weight before application. It has a max grain size of 0.5 mm and is used as a finish coat applied in one coat only. **PLEASE NOTE:** strictly follow the mixing ratio of **CREATIVO® MICROCEMENTO** and **CREATIVO® SALE E PEPE,** especially when only a partial quantity and not the full drum is used.
- **CREATIVO® ROCK:** special rock effect finish coat. Mortar in paste composed of resins, mineral aggregates of selected grain size and special additives to improve application and performance. **CREATIVO® ROCK** is mixed with **CREATIVO® MICROCEMENTO** in a 2:1 ratio in weight before application. It has a max grain size of 0.5 mm and is used as a finish coat applied in one coat only.
  PLEASE NOTE: strictly follow the mixing ratio of **CREATIVO® MICROCEMENTO** and **CREATIVO® ROCK,** especially when only a partial quantity and not the full drum is used.

Considering the nature of the products and the complexity of the system, we recommend that it should be applied by qualified personnel, with specific training delivered by **CREATIVO® ACADEMY**.

SURFACE PREPARATION:

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other item that might affect adhesion of the system.
Old paint and filming agents, not perfectly compact and adherent to the substrate, needs to be removed. In case the substrate is not solid, sound and compact, apply a consolidating coat of **CREATIVO® PRIMER**. In case of exterior dusty and non-solid substrates, apply a 1st coat of **RESINPOL** instead. Carefully evaluate substrate condition after consolidation process before moving to the next step.
Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature and thickness of the product applied. In case of rising damp and moisture above 4%, in the basement, on the ground floor, in the shower, in exterior floors and wherever there is possibility of future water infiltration, it is necessary to apply **CREATIVO® BARRIERA** moisture barrier. **CREATIVO®** has an excellent adhesion on wood, but we don't recommend application on parquet to avoid that the movement of the latter and the different elastic module affect the finish over time. It is therefore recommended to remove it. On glossy and particularly smooth substrates perform a light shot blasting or grinding to improve adhesion of **CREATIVO®**. As an alternative, it is also possible to apply one coat of **CREATIVO® GRIP** by roller. **CREATIVO® GRIP** is a ready to use water-based primer with 0.25 mm grain size specifically designed to be an adhesion promoter on non-absorbent difficult substrates. Observe the consumption rate of 0.1-0.15 kg/m^2 and wait until the substrate is fully dry to proceed with the application of **CREATIVO®. On ceramic or porcelain tiles**, we recommend to make sure to carefully clean the grout joints in order to remove dirt, waxes, oil, grease or any substance that might compromise the adhesion of the system and/or migrate to the system overtime. In such cases, we recommend application of **CREATIVO® BARRIERA**, as superficial cleaning may be quite easy, but it more complicated to clean the grout joints in depth. If any staining substance is left in the joints, it might resurface in the system, showing the pattern of the below joints in the microcement. **CREATIVO® BARRIERA** also prevents the resurfacing along the grout joints of moisture and condensation in the screed caused by the different substrates (tile/grout joint).
Control joints needs to stay free to absorb potential structural movement. In case of **radiant floor heating**, make sure that thermal shock test has been performed before application of **CREATIVO®** system, and won't be performed subsequently to its application. For renovation of radiant floors covered by ceramic tiles, it is necessary to apply **CREATIVO® BARRIERA** first. The heating system has to be switched off 4 days before starting application and can be turned on again after 7 days from completion of the full system.
In case of surfaces with the possibility of extended water stagnation as shower trays, outdoor floors, etc. a suitable slope needs to be considered (at least 1 cm per linear meter) to avoid that the prolonged contact affects the aesthetic finish.

HOW TO APPLY:

- **1st COAT**

Mix well 2 parts (in weight) of **CREATIVO® FONDO** with 1 part of **CREATIVO® MICROCEMENTO** with a high-speed mixing drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Pot life of the two components, once mixed, is 1 hour, don't use the mixture after this time, do not try to re-activate it by adding water as the cement curing process has already started. Mix only the material that will be used. Apply the product by stainless steel trowel trying to avoid very thick layers per single coat. After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper

and vacuum the dust. When dealing with wide areas, tiles with joints larger than 3 mm, surfaces with static micro-cracks (not dynamic ones!) it is necessary to include an 80-90 gr/m^2 fiberglass mesh, sinking it in the 1st coat of **CREATIVO® FONDO**. The various portions of the mesh must be placed side by side and not overlapped and then completely covered with the second coat of **CREATIVO® FONDO**. When applying the fiberglass mesh, consumption rate of **CREATIVO® FONDO** will be 1.2 – 1.3 kg/m^2 and there will be no sanding between first and second coat. On surfaces with micro-cracks (non-dynamic) it also necessary to apply a fiberglass mesh following above procedure.
We recommend the use of shoe covers during all the operations to avoid dirtying the surfaces. Do not wet the surface until full complexion of the system: stains or spots will affect the final result.

- **2nd COAT**
  Apply the second coat in the same way. After at least 8 hours sand manually or by sanding machine any imperfection, use 60G sandpaper and vacuum the dust.

- **3rd COAT**
  Mix **CREATIVO® FINITURA**, coloured in the desired shade, with **CREATIVO® MICROCEMENTO**, using the same method as in the first and second coat. Apply with special tool **CREATIVO® RED SPATULA** made with an extra thin stainless-steel blade. The use of a trowel with a stiff blade can develop black marks on the finish. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.

- **4th COAT**
  Apply the second coat of **CREATIVO® FINITURA** in the same way as the first and design the surface with the specific technique. After at least 8 hours sand and vacuum the surface.

- **Application of CREATIVO® PRIMER**
  Apply one coat of **CREATIVO® PRIMER**, ready to use, by roller, in order to reduce the absorbency of **CREATIVO® TOP**. Wait at least 4 hours for the coat to dry.

- **Application of CREATIVO® TOP**
  Mix carefully **COMPONENT A** before use, add **COMPONENT B** (catalysis ratio: 1kg A + 0,2 kg B), mix well and apply with specific **CREATIVO® MOHAIR ROLLER** taking care of applying homogeneously the product without leaving any excess material and paying attention to corners, edges and drains. First coat can be diluted up to 10% with water. After about 6 hours, and no later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water. In case over 24 hours have passed, it is necessary to sand the surface with thin grit sandpaper (250G and over) and vacuum before proceeding to the next coat. For floors in high-traffic areas, or wherever special resistance to water, dirt and/or abrasion is required, we recommend application of both coats of CREATIVO TOP with double quantity of catalyst (two Components B for each Component A). When protecting shower rooms and when using it in exterior apply a third coat of **CREATIVO® TOP** with a double amount of catalyst (1 pack of Component A + 2 packs of Component B). Satin and matt water-based PU resins are notoriously difficult to apply, in order to reduce the risk of visible roller marks, we recommend to apply the first coat of **CREATIVO® TOP LUCIDO** (glossy) and second coat apply **CREATIVO® TOP SATINATO** (satin) or **OPACO** (matt) abundantly spreading the material with a roller and crossing the roller strokes. Then use a new roller to go over the floor again following the same direction, fresh on fresh.

Wait at least 24 hours from the last coat before walking on the surface, avoid any heavy movement, abrasive action, deposit of dirt, moist, oily and staining substance. Wait at least 7 days for full curing of the film, the minimum time for the surface to achieve good skid, abrasion and dirt resistance.
Environment temperature and humidity can affect drying and filming times.
Wash well the tools with water after use.

"LUXURY HOME DECORATION" SYSTEMS:

The above is the standard application system for new and old floorings and walls with ceramic tiles. Please note that in presence of rising damp it is necessary to apply the moisture barrier. In order to achieve a smoky concrete look, it is simply necessary to sand off all crests and sand **CREATIVO® FINITURA** well. In case of application on vertical surfaces on plaster, gypsum boards, plaster boards or paint (if well adherent, solid and with no dust), it is possible to apply only 1 coat of **CREATIVO® FONDO**, or apply **SMARTCOAT medium grain 0.4mm** instead and then proceed **CREATIVO® FINITURA**. Highly textured effects can be created by different techniques. To obtain a rustic textured effect it is possible to substitute the 2 coats of **CREATIVO® FINITURA** with one coat of **CREATIVO® FONDO,** as the two products have the same resistance to compression and flexibility performances and both can be tinted with the tinting machine.
To achieve the Salt & Pepper effect, instead of 2 coats of **CREATIVO® FINITURA**, apply 1 coat of **CREATIVO® SALE & PEPE**. In order to achieve the Rock effect, apply 1 coat of **CREATIVO® ROCK**, instead of 2 coats of **CREATIVO® FINITURA**.
It is also possible to apply the decorative finishes from **MP STILE ITALIANO** collection instead of **CREATIVO® PRIMER** to obtain a special unique effect. The following products can be used: **RIFLESSI DI LUNA, VELI D'ORIENTE, ANTICA PATINATURA, ART METAL, GLAMOUR, TENDENZE**. Contact our technical service to evaluate its use according to the surface location. Subsequent application of **CREATIVO® TOP** must be done after at least 6-8 hours from the application of the decorative paint. It is possible to add **STELLE** to the first coat of **CREATIVO® TOP** to obtain a glittery finish.

CLEANING AND MAINTENANCE:

The data relative to resistance to compression and flexibility indicated in the *Technical Data* section refer to the system after 28 days from full system application as required from UNI EN ISO 13813 standard. The support bases of the furnishing elements must be sufficiently wide so as not to have an excessive punctual load. When moving furniture, avoid dragging it, but lift it instead.
During **HACCP** tests, **CREATIVO®** proved to have excellent resistances to alkaline and acid detergents. For general maintenance we recommend to clean the surface with a neutral detergent. Do not use a vapour steam cleaner.
It is possible to use cleaning machines for professional use only if without abrasive brushes. **Wait 7 days before cleaning the surface for the first time. Remove any aggressive substance from surface treated with CREATIVO® TOP in 2 coats within 2 hours from deposit and CREATIVO® TOP in 3 coats within 4 – 6 hours from deposit. This, in order to prevent absorption of the aggressive substance by the film through prolonged contact which might deteriorate its appearance irrevocably. For further information check out *0896 CREATIVO® MICROCEMENTO_Floor Cleaning Protocol*.**

Do not cover the floor with carpets as condensation and consequent deterioration of the finish might develop over time. In case of application on counter tops and tables, avoid direct contact with hot pots and other particularly warm objects. Touch ups and maintenance could lead to joint lines. We recommend to perform the touch up activity until an architectural barrier is met or perform a decorative finish that can hide the joint. In case the touch up has to be performed on **CREATIVO® TOP** only, sand and vacuum the surface before activity. Floorings made with **CREATIVO®**, as with similar systems, have higher mechanical and chemical resistances compared to wood floorings, but lower than porcelain tiles.

IMPORTANT NOTES:

- **Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.**
- **Expansion and dynamic joints must not be covered by CREATIVO®, they need to stay free to absorb structural movements.**
- **Do not apply on surfaces subject to structural dynamic movements.**
- **Despite the high certified mechanical resistance of the CREATIVO® system, to avoid damage and deterioration of the surfaces, avoid loading and/or handling furniture, appliances, machinery or equipment that could generate an excessive weight load on a limited surface (excessive punctual load).**
- **Protect containers from freezing temperatures (minimum + 5° C).**
- **Store in a cool, dry place; do not expose to direct sunlight.**
- **The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.**
- **Avoid curing with temperatures of environments and substrate below +5°C.**
- **Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.**
- **Protect the treated surfaces from driving rain for as long as necessary for the complete curing of the product.**
- **Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.**
- **Obtain enough of the colour in a single batch to complete the job or at least complete portions of work which do not draw attention to shade differences.**
- **Due to the complexity of the system and its possible application, please contact our Technical Team for any clarification**

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

TECHNICAL DATA:

TEST	TEST METHOD	MEASURED VALUE			
		PRODUCT	FORM	PACKAGES	
Product form and packing size		**Creativo® Fondo**	paste	**10 kg**	**4 kg**
		Creativo® Finitura/ Sale & Pepe / Rock	paste	**10 kg**	**4 kg**
		Creativo® Microcemento	powder	**5 kg**	**2 kg**
		SMART COAT gr. media 0,4 mm	paste	**4 l**	**1 l**
		Creativo® Primer	liquid	**5 l**	**1 l**
		Creativo® TOP comp. A Lucido / Glossy	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP comp. A Satinato / Satin	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP comp. A Opaco / Matt	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP Comp.B	liquid	**0.5 kg**	**0.2 kg**
Consumption rate (per coat)		**Creativo® Fondo/ Sale & Pepe / Rock + Microcemento**		1 kg/m²	
		Creativo® Finitura+ Microcemento		0.5 kg/m²	
		SMARTCOAT gr. media 0,4 mm		0.125 -0.200 l/m²	
		Creativo® Primer		0.08 l/m²	
		Creativo® TOP (A+B)		0.07 kg/m²	
Density	UNI EN ISO 2811-1:2003	**Creativo® Fondo**		1.45 ± 0.10 Kg/l	
		Creativo® Finitura/ Sale & Pepe / Rock		1.45 ± 0.10 Kg/l	
		SMART COAT gr. media 0,4 mm		1.25 ± 0.10 Kg/l	
		Creativo® Primer		1.02 ± 0.05 Kg/l	
		Creativo® TOP comp. A Lucido / Glossy		1.02 ± 0.05 Kg/l	
		Creativo® TOP comp. A Satinato / Satin		1.05 ± 0.05 Kg/l	
		Creativo® TOP comp. A Opaco / Matt		1.05 ± 0.05 Kg/l	
		Creativo® TOP Comp.B		1.15 ± 0.05 Kg/l	
Grain Size		**Creativo® Fondo/ Sale & Pepe / Rock**		0.5 mm	
		Creativo® Finitura		0.3 mm	
		SMARTCOAT GM 0.4 mm		0.4 mm	
Gloss	UNI EN ISO 2813:2002	**Creativo® TOP comp. A Lucido / Glossy**		80±5 Gloss at 60°	
		Creativo® TOP comp. A Satinato / Satin		22±5 Gloss at 85°	
		Creativo® TOP comp. A Opaco / Matt		9±5 Gloss at 85°	

TEST	TEST METHOD	MEASURED VALUE	
pH		**Creativo® Fondo**	7.5 ± 0.5
		Creativo® Finitura	7.5 ± 0.5
		SMARTCOAT GM 0.4 mm	8.5 ± 0.5
		Creativo® Primer	7.5 ± 0.5
		Creativo® TOP comp. A Lucido / Gloss	7.5 ± 0.5
		Creativo® TOP comp. A Satinato / Satin	7.5 ± 0.5
		Creativo® TOP comp. A Opaco / Matt	7.5 ± 0.5
Liquid water permeability	UNI EN 1062-3:2008	W=0.004±0.001kg/kg/(m²h^{0,5}) Class W_3 **Low permeability**	
Water-vapour transmission rate	UNI EN ISO 7783:2012	Sd=0.6007±0.1261 m μ=400 Class V_2 – **Medium permeability**	
Resistance to abrasion. Rotating abrasive rubber wheel method	UNI EN ISO 7784-2:2006	Loss in mass (mg) 61.77±12.35 Creativo TOP Lucido / Glossy 75.27±15.05 Creativo TOP Opaco / Matt	

Determination of emissions of volatile organic compounds **Total VOC**	EN ISO 16000	ÉMISSIONS DANS L'AIR INTÉRIEUR A+ A+ A B C

UNI EN 13813 TESTS				
TEST	**TEST METHOD**	**MEASURED VALUE**	**REQUIRED VALUE**	**RESULT**
Flexural strength	UNI EN 13892-2	Creativo Fondo F7 Creativo Finitura F7	≥ F1	PASS
Compressive strength	UNI EN 13892-2	Creativo Fondo C25 Creativo Finitura C25	≥ C5	PASS
Wear resistance-BCA	UNI EN 13892-4	AR0.5	≤AR6 for cement screeds ≤AR1 resin based screeds	PASS
Bond strength	UNI EN 13892-8	0.8 N/mm² = B0.5	No limit	

UNI 11021:2002 TESTS					
RIF	**Description**	**Method**	**Measure**	**Limit value**	**Result**
		Essential Requirements			
7.1	Dirt pick-up	UNI 10792	ΔL = 0.10	ΔL ≤ 3.0	PASS
7.2	Smell	Appendix A	0	≤ 1.0	PASS
		Specific Requirements			
8.1	Washability	UNI EN ISO 11998	Ldft =0.01µm	Ldft ≤ 5µm	PASS
8.3	Resistance to the mould	Appendix C	0	≤ 1	PASS
8.4	Resistance to special cleaning agents - Detergent B (alkaline degreasing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to special cleaning agents - Detergent C (acid washing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to special cleaning agents - Detergent D (disinfecting)	UNI EN ISO 2812-1	No alteration	No alteration	PASS

D.M. 14/06/1989 n.236 TESTS – B.C.R.A. Method			
Description	**MEAN OF FRICTION COEFFICIENT REGISTERED VALUES**	**REQUIRED VALUE**	**RESULT**
Leather on dry surface	**µ = 0.56**	**µ > 0.40**	**COMPLIANT**
Rubber on wet surface	**µ = 0.78**	**µ > 0.40**	**COMPLIANT**

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

Creativo® Fondo:
I) Decorative effect coatings;
Limit Phase II (from 01/01/ 2010) = 200 g/l
Max VOC in mixture: 19 g/l

Creativo® Finitura/ Sale & Pepe / Rock:
I) Decorative effect coatings;
Limit Phase II (from 01/01/ 2010) = 200 g/l
Max VOC in mixture: 19 g/l

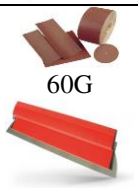
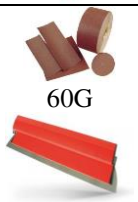
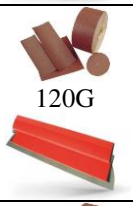
SMARTCOAT GM 0.4 mm:
C) Exterior walls of mineral substrate;
Limit Phase II (from 01/01/ 2010) = 40 g/l
Max VOC in mixture: 10 g/l

Creativo® Primer:
G) Primer;
Limit Phase II (from 01/01/ 2010) = 30 g/l
Max VOC in mixture: 13 g/l

Creativo® TOP A+B:
J) Two-pack reactive performance coatings for specific end use such as floors
Limit Phase II (from 01/01/ 2010)140 g/l
Max VOC in mixture (COMPONENT A): 25 g/l
Max VOC in mixture (COMPONENT B): 9 g/l
Max VOC in mixture (COMPONENT A + COMPONENT B): 19 g/l

CREATIVO®
LIVING A NEW LIFE

SUMMARY TABLE OF CREATIVO® SYSTEM TIMING

System	Ratio	Pot Life	Waiting time before next coat	Tool
Creativo® Fondo + Creativo® Microcemento	2 part + 1 part	1 h	> 8 h	
Creativo® Fondo + Creativo® Microcemento	2 part + 1 part	1 h	> 8 h	
Creativo® Sale & Pepe e Creativo® Rock + Creativo® Microcemento	2 part + 1 part	1 h	> 8 h	
SMARTCOAT GM 0.4 MM (only on vertical surfaces on plasters, plasterboards or paint if well sound, solid and adherent, without application of 2 coats of **Creativo® Fondo + Creativo® Microcemento**)	Dilute with water: 5 – 10 %	-	> 4 h	
Creativo® Finitura + Creativo® Microcemento	2 part + 1 part	1 h	> 8 h	
Creativo® Finitura + Creativo® Microcemento	2 part + 1 part	1 h	> 8 h	
Creativo® Primer	Ready to use	-	> 4 h	
Creativo® Top (A+B)	1 part + 0.2 parts or 1 part + 0.4 parts*	1 h	> 6h < 24h	
Creativo® Top (A+B)	1 part + 0.2 parts or 1 part + 0.4 parts*	1 h	24h - walkable 7 days - cleaning	

**** Double catalysis on high-traffic areas, or wherever special resistance to water, dirt and / or abrasion is required***

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G. Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®

LIVING A NEW LIFE

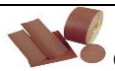
PACKAGES AND CONSUMPTION RATES OF CREATIVO® MICROCEMENTO SYSTEM

Packages of **CREATIVO® FONDO** and **CREATIVO® FINITURA** are designed to fit **CREATIVO® MICROCEMENTO** for mixing.

PRODUCT	PACK	u.m.	Consumption per coat per m^2	N° of Coats: Indoor horizontal surfaces	N° of Coats: Outdoor horizontal surfaces and indoor water stagnating areas	N° of Coats: Vertical surfaces	Coverage (m^2) of 1 pack per coat
CREATIVO							
Creativo® Fondo 10 kg + Creativo® Microcemento 5 kg	15	kg					15
			1	2	2	1	
Creativo® Fondo 4 kg + Creativo® Microcemento 2 kg	6	kg					6
Creativo® Finitura 10 kg + Creativo® Microcemento 5 kg	15	kg					30
			0,5	2	2	2	
Creativo® Finitura 4 kg + Creativo® Microcemento 2 kg	6	kg					12
Creativo® Primer	1	l	0,08	1	1	1	12,5
Creativo® TOP Lucido/Satinato/Opaco comp. A 2,50 kg + comp. B 0,5 kg	3	kg					43
			0,07	2	See point below*	2	
Creativo® TOP Lucido/Satinato/Opaco comp. A 1 kg + comp. B 0,2 kg	1,2	kg					17
***Creativo® TOP Lucido/Satinato/Opaco comp. A 2,50 kg + 2 comp. B 0,5 kg**	3,5	kg					43
			0,07	2	3	/	
***Creativo® TOP Lucido/Satinato/Opaco comp. A 1 kg + 2 comp. B 0,2 kg**	1,4	kg					17

**** Double catalysis on high-traffic areas, or wherever special resistance to water, dirt and / or abrasion is required***

SUMMARY TABLE OF CREATIVO® SALE&PEPE AND ROCK SYSTEMS TIMING

System	Ratio	Pot life	Waiting time before next coat	Tool
Creativo® Fondo + Creativo® Microcemento	2 parts + 1 part	1 h	> 8 h	
Creativo® Fondo + Creativo® Microcemento	2 parts + 1 part	1 h	> 8 h	 60 G 
Creativo® Sale e Pepe or Creativo® Rock + Creativo® Microcemento	2 parts + 1 part	1 h	> 8 h	 60 G 
Creativo® Primer	Ready to use	-	> 4 h	 120 G

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G. Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

				
Creativo® Top (A+B)	1 part + 0.2 parts or *1 part + 0.4 parts	1 h	> 6h < 24h	
Creativo® Top (A+B)	1 part + 0.2 parts or *1 part + 0.4 parts	1 h	24h - walkable 7 days - cleaning	

**** Double catalysis on high-traffic areas, or wherever special resistance to water, dirt and / or abrasion is required***

PACKAGES AND CONSUMPTION RATES OF CREATIVO® SALE & PEPE AND ROCK SYSTEM

Packages of **CREATIVO® SALE & PEPE** and **CREATIVO® ROCK** are designed to fit **CREATIVO® MICROCEMENTO** for mixing.

PRODUCT	PACK	u.m.	Consumption per coat per m²	N° of Coats: Indoor horizontal surfaces	N° of Coats: Outdoor horizontal surfaces and indoor water stagnating areas	N° of Coats: Vertical surfaces	Coverage (m²) of 1 pack per coat
CREATIVO							
Creativo® Fondo 10 kg + Creativo® Microcemento 5 kg	15	kg					15
			1	2	2	1	
Creativo® Fondo 4 kg + Creativo® Microcemento 2 kg	6	kg					6
Creativo® Sale & Pepe / Rock 10 kg + Creativo® Microcemento 5 kg	15	kg					15
			1	1	1	1	
Creativo® Sale & Pepe / Rock 4 kg + Creativo® Microcemento 2 kg	6	kg					6
Creativo® Primer	1	l	0,08	1	1	1	12,5
Creativo® TOP Lucido/Satinato/Opaco comp. A 2,50 kg + comp. B 0,5 kg	3	kg					43
			0,07	2	See point below*	2	
Creativo® TOP Lucido/Satinato/Opaco comp. A 1 kg + comp. B 0,2 kg	1,2	kg					17
***Creativo® TOP Lucido/Satinato/Opaco comp. A 2,50 kg + 2 comp. B 0,5 kg**	3,5	kg					43
			0,07	2	3	/	
***Creativo® TOP Lucido/Satinato/Opaco comp. A 1 kg + 2 comp. B 0,2 kg**	1,4	kg					17

**** Double catalysis on high-traffic areas, or wherever special resistance to water, dirt and / or abrasion is required***

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G. Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

METHOD STATEMENT: Item 0896 CREATIVO®

Method statement of resin and microcement system **CREATIVO®** for the creation of vertical and horizontal seamless surfaces. CE marked according to **UNI EN ISO 13813** "Materials for screeds: proprieties and requirements" and **HACCP certified for the use in high hygiene environments** such as food rooms. **Dynamic friction coefficient compliant** to Italian regulation **D.M. no. 236**.

ON OLD AND NEW FLOORINGS AND ON VERTICAL SURFACES WITH EXISTING CERAMIC COVERING.

Before application on a new screed, let the screed cure according to manufacturer's recommendation and for no less than 28 days before applying CREATIVO® system.

Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature of the thickness and product applied.

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other item that might affect adhesion of the system.

In case the substrate is not solid, sound and compact, a consolidating coat of **CREATIVO® PRIMER** should be applied. In case of exterior dusty and not solid substrates, consolidate with **RESINPOL** diluted with paint thinner or synthetic thinner 20-30%.

In case of rising damp (above 4%) apply **CREATIVO® BARRIERA** moisture barrier.

On high-gloss and smooth substrates it's compulsory to perform a light shot blasting or grinding to improve adhesion of **CREATIVO®** or apply a coat of **CREATIVO® GRIP**, water-based structuring adhesion promoter primer for difficult substrates. **CREATIVO® GRIP** is applied by roller with consumption rate of 0.1 – 0.15 kg/m^2. Wait for the surface to be fully dry before proceeding with the application of **CREATIVO®** system. Any dynamic joint element needs to stay free to absorb structural movements. In case of surfaces with the possibility of extended water stagnation as shower trays, tubs or outdoor floorings, a suitable slope needs to be considered (at least 1 cm per linear meter).

- Mix well 2 parts (in weight) of **CREATIVO® FONDO** with 1 part of **CREATIVO® MICROCEMENTO** with a mixing drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Apply **1st coat** of **CREATIVO® FONDO** + **CREATIVO® MICROCEMENTO** by stainless steel spatula. After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper and vacuum the dust. When dealing with very big areas, it is possible to include a fiberglass mesh, 80-90 gr/m^2, sinking it during the first coat.
- Application of **2nd coat of CREATIVO® FONDO** + **CREATIVO® MICROCEMENTO** by stainless steel spatula using same method as before, after at least 8 hours sand manually or by sanding machine any imperfection, use 60G sandpaper and vacuum the dust.
- Mix 2 parts (in weight) of **CREATIVO® FINITURA**, coloured in the desired shade, with 1 part of **CREATIVO® MICROCEMENTO**, using the same method as in the first and second coat. Apply the **3rd coat** with special tool **SPATOLA CREATIVO®**. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.
- Apply the **4th coat**, **CREATIVO® FINITURA** + **CREATIVO® MICROCEMENTO** in the same way as the third by **SPATOLA CREATIVO®**. After at least 8 hours sand and vacuum the surface.
- Application of one coat of **CREATIVO® PRIMER** by roller, ready to use, in order to regulate the absorbency of the subsequent coat. Wait 4 hours for the coat to dry.
- Application of **CREATIVO® TOP**, **LUCIDO (GLOSSY), SATINATO (SATIN)** or **OPACO (MATT)**, mixing carefully **COMPONENT A** before use, add **COMPONENT B (**catalysis ratio: 1kg A + 0,2 kg B), mix well and apply with specific **CREATIVO® MOHAIR ROLLER** taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edges and drains.
  First coat can be diluted up to 10% with water. After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water.
  For floors in high-traffic areas, or wherever special resistance to water, dirt and/or abrasion is required, we recommend application of both coats of **CREATIVO® TOP** with double quantity of catalyst (two Components B for each Component A). When protecting shower rooms and when using it in exterior apply a third coat of **CREATIVO® TOP** with a double amount of catalyst (1 pack of Component A + 2 packs of Component B).

APPLICATION OF CREATIVO® SALT & PEPPER AND CREATIVO® ROCK SYSTEMS

- Mix well 2 parts (in weight) of **CREATIVO® FONDO** with 1 part of **CREATIVO® MICROCEMENTO** with a mixing drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Apply **1st coat** of **CREATIVO® FONDO** + **CREATIVO® MICROCEMENTO** by stainless steel spatula. After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper and vacuum the dust. When dealing with very big areas, it is possible to include a fiberglass mesh, 80-90 gr/m^2, sinking it during the first coat.
- Apply the **2nd coat of CREATIVO® FONDO** + **CREATIVO® MICROCEMENTO** by stainless steel spatula using same method as before, after at least 8 hours sand manually or by sanding machine any imperfection, use 60G sandpaper and vacuum the dust.
- Mix 2 parts (in weight) of **CREATIVO® SALE & PEPE** or **CREATIVO® ROCK** with 1 part of **CREATIVO® MICROCEMENTO**, using the same method as in the first and second coat. Apply with special tool **SPATOLA CREATIVO®**. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.
- Apply of one coat of **CREATIVO® PRIMER** by roller, ready to use, in order to regulate the absorbency of the subsequent coat. Wait 4 hours for the coat to dry.
- Apply of **CREATIVO® TOP**, **LUCIDO (GLOSSY), SATINATO (SATIN)** or **OPACO (MATT)**, mixing carefully **COMPONENT A** before use, add **COMPONENT B (**catalysis ratio: 1kg A + 0.2 kg B), mix well and apply with specific **CREATIVO®**

MOHAIR ROLLER taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edges and drains.
First coat can be diluted up to 10% with water. After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water.
For floors in high-traffic areas, or wherever special resistance to water, dirt and/or abrasion is required, we recommend application of both coats of CREATIVO TOP with double quantity of catalyst (two Components B for each Component A). When protecting shower rooms and when using it in exterior apply a third coat of **CREATIVO® TOP** with a double amount of catalyst (1 pack of Component A + 2 packs of Component B). Wait 24 hours from the last coat before walking on the surface.

ON VERTICAL PLASTERS, PLASTERBOARDS OR PAINT (IF SOUND, SOLID AND ADHERENT)

- Application of **1st coat,** ground coat with **SMARTCOAT 0.4 mm**, acrylic structuring paint, bond improver, unifying, with formula MOULD AND ALGAE RESISTANT. High consolidating power and resistance.
- After 4 – 6 hours, mix 2 parts (in weight) of **CREATIVO® FINITURA,** in the desired colour, with **CREATIVO® MICROCEMENTO**, mix it with a drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Leave the mix to settle a few minutes and proceed with application. Application of **1st coat** of **CREATIVO® FINITURA** + **CREATIVO® MICROCEMENTO** with special tool **SPATOLA CREATIVO®**. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.
- Application of **2nd coat of CREATIVO® FINITURA** + **CREATIVO® MICROCEMENTO** by **SPATOLA CREATIVO®**, in the same way as the first. After at least 8 hours sand and vacuum the surface. In case of textured finish work the finishing coat with appropriate technique.
- To obtain antique rustic textured effects it's possible to substitute the 2 coats of **CREATIVO® FINITURA** with one coat of **CREATIVO® FONDO**
- Application of one coat of **CREATIVO® PRIMER** by roller, ready to use, in order to regulate the absorbency of the subsequent coat. Wait 4 hours for the coat to dry.
- Application of **CREATIVO® TOP**, **LUCIDO (GLOSSY), SATINATO (SATIN)** or **OPACO (MATT)**, mixing carefully **COMPONENT A** before use, add **COMPONENT B (**catalysis ratio: 1kg A + 0,2 kg B), mix well and apply with specific **CREATIVO® MOHAIR ROLLER** taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edges and drains.
  First coat can be diluted up to 10% with water. After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water.

MAKING OF SHOWER TRAYS ON CEMENT SCREED

Substrate must be sound, solid, dry, clean, free from oil, wax, silicon, sealer or any other element that could comprise adhesion of the system. If the substrate is not solid, apply 1 coat of **CREATIVO® PRIMER**.

- Apply a layer of two-pack cementitious waterproofing mortar to obtain an elastic, protective and waterproof coating. Proceed with the application of **CREATIVO®** system, only once the mortar is completely dry. For the correct timing follow the instructions in the product TDS.
- Apply **CREATIVO® BARRIERA**, 3-pack epoxy-cementitious moisture barrier, after adequate surface preparation. Apply by stainless steel trowel in 2 coats, waiting 24-48 hours between coats. In order to achieve an effective moisture barrier, it is possible to apply it with a minimum thickness of 2 mm with consumption rate of 1.8 kg/m^2 per mm applied. After 24 hours it is possible to proceed with the system and apply only one coat of **CREATIVO® FONDO** instead of the standard two.
- Mix well 2 parts (in weight) of **CREATIVO® FONDO** with 1 part of **CREATIVO® MICROCEMENTO** with a mixing drill for minimum 5 minutes or until a smooth, lump free, homogeneous mix is achieved. Apply **1 coat** of **CREATIVO® FONDO** + **CREATIVO® MICROCEMENTO** by stainless steel trowel. After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper and vacuum the dust.
- Mix 2 parts (in weight) of **CREATIVO® FINITURA**, coloured in the desired shade, with 1 part of **CREATIVO® MICROCEMENTO**, using the same method as in the first and second coat. Apply the **3rd coat** with special tool **SPATOLA CREATIVO®**. After 8 hours sand manually or by sanding machine any imperfection, using 120G sandpaper and vacuum the dust.
- Apply the **4th coat**, **CREATIVO® FINITURA** + **CREATIVO® MICROCEMENTO** in the same way as the third by **SPATOLA CREATIVO®**. After at least 8 hours sand and vacuum the surface.
- Application of one coat of **CREATIVO® PRIMER** by roller, ready to use, in order to regulate the absorbency of the subsequent coat. Wait 4 hours for the coat to dry.
- Application of **CREATIVO® TOP**, **LUCIDO (GLOSSY), SATINATO (SATIN)** or **OPACO (MATT)**, mixing carefully **COMPONENT A** before use, add **2 COMPONENTS B** (catalysis ratio: 1kg A + 0.4 kg B), mix well and apply with specific **CREATIVO® MOHAIR ROLLER** taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edges and drains. After about 6 hours, and not later than 24 hours from the first coat, apply the **2nd coat** with the same method, diluting 0-5% with water. Apply **3rd coat** in the same way.
- Wait at least 4 days before using the shower.
- Wait at least 24 hours from the last coat before walking on the surface. Avoid any abrasive action, deposit of dirt, moist, oil, staining agents. Wait at least 7 days in order to achieve complete curing of the top coat and therefore maximum resistances to friction, abrasion, dirt pick-up.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G. Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®

LIVING A NEW LIFE

TdS: Item code 0896 **CREATIVO® TOP**

Last update 05/02/2019

PU two-pack water based finish, for indoor and outdoor use, HACCP-certified for use in food rooms, high hygiene requirements and medical environments.

CHARACTERISTICS:

CREATIVO® TOP is a polyurethane two-pack, aliphatic water-based finish. **CREATIVO® TOP** is a high performance product that guarantees excellent adhesion to the substrate, flexibility, resistance to compression, bumps, traction, frictions and scratches. It is resistant to alkaline detergents, acids and the most common general detergents used in residential and professional cleaning. **CREATIVO® TOP** is **HACCP-certified** for use in food premises and **CE-certified** according to **UNI EN 13813**.
CREATIVO® TOP has low water absorption and medium vapour permeability. Its high mechanical resistances allow the use of trolleys and dollies on it. **CREATIVO® TOP** has a high degree of skid resistance, with a dynamic friction coefficient, both in wet and dry conditions, within the requirements of **Italian Ministry Regulation 1989 no. 236.** The aliphatic nature of **CREATIVO® TOP**, makes it resistant to UV rays, avoiding common issues with epoxy coatings such us dusting and yellowing, thus, allowing its use also outdoor. **CREATIVO® TOP** doesn't release any harmful emission and obtained the **A+ classification** (the best according to French regulation for emissions in bordering environments).
CREATIVO® TOP is available in an endless range of colours easily achievable with **COLORPLUS® EVOLUTION** tinting system.

USE:

Thanks to its performance in terms of resistance, hardness and adhesion, **CREATIVO® TOP** is ideal to protect any surface subject to traffic, cleaning and frequent washing, in need to be protected from wear, dirt and water. **CREATIVO® TOP GLOSSY**, applied in 3 coats, can also be used as an **anti-graffiti coating** or as a **whiteboard paint** for vertical and horizontal surfaces**. CREATIVO® TOP** is the ideal product to use in food premises, industrial and medical environments. It can be applied on cement screeds, ceramic surfaces, porcelain, mosaics, concrete, gypsum and plasterboards, epoxy coatings, polyurethane coatings, workshops, stairs or wherever high mechanical and chemical resistance is needed. **CREATIVO® TOP** can also be applied on existing vertical ceramic tile surfaces. **CREATIVO® TOP** (applied in 3 coats) can be used also outdoor and in shower or wet rooms. In such situations with prolonged direct contact with water and water stagnation, it is necessary to create the correct slope to enable the water to flow through the drain and apply 3 coats. In this case we also recommend to catalyze component A with 2 packs of component B (1 pack of Component A + 2 packs of Component B). **CREATIVO® TOP** is not suitable to be used on parquet flooring and swimming pools.

SURFACE PREPARATION:

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other item that might affect adhesion of the system.
Old paint, not perfectly compact and adherent to the substrate, needs to be removed. Missing parts, holes, cracks or damages, need to be repaired with specific restoration mortars. The repaired areas should be cured correctly according to the nature of the thickness and product applied. In case the substrate is particularly absorbent apply a first coat of **CREATIVO® TOP** **Transparent** diluted 10% with water in order to reduce absorption and waterproof the surface.
In case of rising damp (above 4%) apply **CREATIVO® BARRIERA** vapour barrier. On high gloss and smooth substrates it's compulsory to perform a light shot blasting or grinding to improve adhesion of **CREATIVO® TOP.** Any dynamic joint element needs to stay free to absorb any structural movement. In case of surfaces with the possibility of extended water stagnation such as shower trays and exterior floors, a suitable slope needs to be considered (at least 1 cm per linear meter) to avoid that the prolonged contact can affect the aesthetic finish and apply 3 coats. In order to increase bonding to the substrate, chemical and physical resistance, apply one coat of **ACQUAFLOOR TRASPARENTE** with **ACQUAFLOOR CATALIZZATORE** in a 100:22.5 ratio in volume, diluted with 10% water. Once the two components have been mixed **ACQUAFLOOR** has a pot-life of 1.5-2 hours. After applying **ACQUAFLOOR TRASPARENTE** wait 12-24 hours before applying the first coat of **CREATIVO® TOP**.

HOW TO APPLY:

Mix carefully **COMPONENT A** before use, add **COMPONENT B** (catalysis ratio as shown in technical data table), mix well and apply with specific mohair roller taking care of applying homogeneously the product without leaving deposits and paying attention to corners, edges and drains. First coat can be diluted up to 10% with water. Material pot life is 1 hour maximum, do not use the product after if time exceeded the limit. After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluting 0-5% with water. In case over 24 hours have passed, it is necessary to sand the surface with thin grit sandpaper (250G and over) and vacuum before proceeding to the next coat. When protecting shower rooms, and in exterior, apply a third coat of **CREATIVO® TOP**. To obtain a whiteboard surface apply **CREATIVO® TOP GLOSSY** in 3 coats. It is known that satin and matt water-based PU resins are not easy to apply, in order to avoid the risk of visible roller marks, we recommend to apply **CREATIVO® TOP GLOSSY** as a first coat and second coat **MATT** or **SATIN** according to the finish desired. The gloss from the first coat will not be visible. Apply **CREATIVO® TOP** abundantly and spread it with the roller with crossed roller strokes. Use an unloaded roller to go over the floor on the same direction (fresh on fresh).
Wait 24 hours from the last coat before walking on the surface, avoid any heavy movement, abrasive action, deposit of dirt, moist, oily and staining substance. Wait at least 7 days for full curing of the film, minimum time for the surface to achieve maximum skid and abrasion resistances and minimum dirt pick-up. 80% of chemical and physical resistances are achieved after 72 hours, for complete hardening and performances wait 7 days. Room temperature and humidity can affect drying and filming times. Wash well the tools with water after use.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G.Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®

LIVING A NEW LIFE

CLEANING AND MAINTENANCE:

During **HACCP** tests, **CREATIVO® TOP** proved to have excellent resistances to alkaline and acid detergents. In any case, ordinary cleaning should be performed with neutral detergents. Do not use a vapour steam cleaner. It is possible to use cleaning machines for professional use without abrasive brushes.

Wait 7 days before cleaning the surface for the first time. Remove any deposit and staining agent from the surface protected with CREATIVO® TOP applied in 2 coats, within 2 hours from deposit. On CREATIVO® TOP applied in 3 coats, remove within 4-6 hours from deposit. Prolonged contact with all types of aggressive substances, such as wet dirt in general, moist, oily, staining substances, etc., could be eventually absorbed because of the microporosity of the film and deteriorate its appearance irreversibly.

For further information please check **Floor cleaning protocol_Art.0896 CREATIVO®**. In case of application on counter tops and tables, we recommend to avoid direct contact with high heat items (pots and pans). Touch ups can be easily performed by sanding and vacuuming the surface before activity. In case of staining of the surface with graffiti, clean the surface after at least 7 days from the application of **CREATIVO® TOP LUCIDO**, wipe the surface with a microfiber cloth soaked with alcohol solvent or synthetic thinner.

IMPORTANT NOTES:

- **Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.**
- **Protect containers from freezing temperatures (minimum + 5° C).**
- **Store in a cool, dry place; do not expose to direct sunlight.**
- **The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.**
- **Avoid curing with tempratures of environments and substrate below +5°C.**
- **Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.**
- **Protect the treated surfaces from driving rain for as long as necessary for the complete curing of the product.**
- **Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.**
- **Obtain enough of the colour in a single batch to complete the job or at least complete portions of work which do not draw attention to shade differences.**
- **Due to the complexity of the system and its possible application, please contact our Technical Team for any clarification**

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

TECHNICAL DATA:

TEST	TEST METHOD	MEASURED VALUE	
Density	UNI EN ISO 2811-1:2003	**CREATIVO® TOP White comp. A Lucido / Gloss** **CREATIVO® TOP White comp. A Satinato / Satin** **CREATIVO® TOP White comp. A Opaco / Matt** **CREATIVO® TOP transparent comp. A Lucido / Gloss** **CREATIVO® TOP transparent comp. A Satinato / Satin** **CREATIVO®TOP transparent comp. A Opaco / Matt** **CREATIVO®TOP Comp.B**	1,25 ± 0,05 Kg/l 1,25 ± 0,05 Kg/l 1,25 ± 0,05 Kg/l 1,02 ± 0,05 Kg/l 1,05 ± 0,05 Kg/l 1,05 ± 0,05 Kg/l 1,15 ± 0,05 Kg/l
Gloss	UNI EN ISO 2813:2002	**CREATIVO® TOP comp. A Lucido / Gloss** **CREATIVO® TOP comp. A Satinato / Satin** **CREATIVO® TOP comp. A Opaco / Matt**	80±5 Gloss at 60° 22±5 Gloss at 85° 9±5 Gloss at 85°
pH		**CREATIVO® TOP. Bianco/White**	7,5 ± 0,5
Catalysis ratio for white base and coloured from white base		**CREATIVO® TOP comp. A** **CREATIVO® TOP comp. B**	**1,250 kg** **0,200 kg**
Catalysis ratio for transparent base and coloured from transparent base		**CREATIVO®TOP comp. A** **CREATIVO® TOP comp. B**	**1,000 kg** **0,200 kg**
Coverage		White and coloured from white base Transparent and coloured from transparent base	0,09–0,11 kg/m^2 0,07-0,09 kg/m^2
Pot-life		1 h	
Drying time at 20°C		Dust free 4 - 6 ore, Over paintable 6 - 24ore; walkable 24 ore; Complete mechanical resistance 7 days.	
Liquid water permeability	UNI EN 1062-3:2008	W=0,004±0,001kg/kg/(m^{2}h^{0,5}) Class W_3 **Low permeability**	
Water-vapour transmission rate	UNI EN ISO 7783:2012	Sd=0,6007±0,1261 m μ=400 Class V_2 – **Medium permeability**	
Resistance to abrasion. Rotating abrasive rubber wheel method	UNI EN ISO 7784-2:2006	Loss in mass (mg) 61,77±12,35 CREATIVO® TOP Lucido / Gloss	

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G.Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

		75,27±15,05 CREATIVO® TOP Opaco / Matt	
Determination of emissions of volatile organic compounds **Total VOC**	EN ISO 16000		
Drum size **CREATIVO® TOP White**		**CREATIVO® TOP White comp A** **CREATIVO® TOP comp. B** **CREATIVO® TOP White comp A** **CREATIVO® TOP comp. B**	**3,125 kg** **0,500 kg** **1,250 kg** **0,200 kg**
Drum size **CREATIVO® TOP Transparent**		**CREATIVO® TOP Transparent comp A** **CREATIVO® TOP comp. B** **CREATIVO® TOP Transparent comp A** **CREATIVO® TOP comp. B**	**2,500 kg** **0,500 kg** **1,000 kg** **0,200 kg**
Colours		RAL	

UNI 11021:2002 TESTS					
RIF	**Description**	**Method**	**Measure**	**Limit value**	**Result**
		Essential Requirements			
7.1	Dirty pick up	UNI 10792	ΔL = 0,10	ΔL ≤ 3,0	PASS
7.2	Smell	Appendix A	0	≤ 1,0	PASS
		Specific Requirements			
8.1	Washability	UNI EN ISO 11998	Ldft =0,01µm	Ldft ≤ 5µm	PASS
8.3	Resistance to the mould	Appendix C	0	≤ 1	PASS
8.4	Resistance to washing agents Detergent B (alkaline washing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to washing agents Detergent C (acid washing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to washing agents Detergent D (disinfecting)	UNI EN ISO 2812-1	No alteration	No alteration	PASS

D.M. 14/06/1989 n.236 TESTS – B.C.R.A. Method			
Description	**MEAN OF FRICTION COEFFICIENT REGISTERED VALUES**	**REQUIRED VALUE**	**RESULT**
Leather on dry surface	**µ = 0,56**	**µ > 0,40**	**COMPLIANT**
Rubber on wet surface	**µ = 0,78**	**µ > 0,40**	**COMPLIANT**

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

CREATIVO® TOP A+B : J) Two-pack reactive performance coatings for specific end use such as floors
Limit Phase II (from 01/01/ 2010)140 g/l
Max VOC in mixture (COMPONENT A): 25 g/l
Max VOC in mixture (COMPONENT B): 9 g/l
Max VOC in mixture (COMPONENT A + COMPONENT B): 19 g/l

CREATIVO®

LIVING A NEW LIFE

TdS: Art. 0420 **C R E A T I V O® GRIP**

Last update 07/06/2019

Water-based adhesion promoter primer for difficult and non-absorbent substrates with 0.25 mm grain size.

CHARACTERISTICS:

CREATIVO® GRIP is a ready to use, structuring adhesion promoter, water-based primer with 0.25 mm grain size, for difficult and non-absorbent substrates such as glass and ceramic. It is composed of an acrylic polymer of nanometric dimensions and special additives that guarantee its excellent adhesion properties on non-porous substrates. **CREATIVO® GRIP**, thanks to its high adhesion and roughness, enables the application of any self-levelling mortar on smooth surfaces. **CREATIVO® GRIP** is odourless, solvent- and VOC-free. It can be applied both in interior and exterior.

USES:

CREATIVO® GRIP can be applied on interior surfaces such as ceramic tiles, porcelain stoneware, mosaic and glass before the application of **CREATIVO® AUTOLIVELLANTE**.

CREATIVO® GRIP can also be applied on interior and exterior surfaces such as ceramic tiles, porcelain stoneware, mosaic and glass before the application of **CREATIVO® FONDO** or **CREATIVO® MONO FONDO,** thus avoiding further surface preparation such as shot blasting or grinding of the surface otherwise required for this type of surfaces.

APPLICATION:

Apply on clean, dry surfaces, free of oil, grease, dust, wax, silicone, sealants or any other element that may affect the adhesion of the system. Clean the surface with a degreasing product. Make sure that the tiles are well fixed and not detaching. Do not apply the product where there is rising damp. In such case it is necessary to apply **CREATIVO® BARRIERA**.
CREATIVO® GRIP is ready to use. Carefully mix the product then apply by roller, making sure to cover the whole surface. Wait for the complete drying before proceeding with the application of the subsequent system. The drying time, at 20° and 60% r.h., is approximately 4 hours. Different conditions and thickness can significantly affect the drying time. Wash the tools immediately after use. Make sure that the application and drying time take place with substrate and environmental temperature between 5° C and 30° C and with r.h. lower than 75%.

RECOMMENDATIONS:

- **Before application, ensure that the surface is perfectly dry and cured, and that it has good adherence to the substrate. Surface must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other element that could impair adherence or successful results.**
- **Do not allow product to freeze (minimum 5°C).**
- **Store product in a cool, dry place and do not expose to direct sunlight.**
- **Use product at a temperature of the work environment and treated surface between +5°C and 30°C. Relative humidity must not exceed 75%.**
- **Do not allow drying to take place with temperature of the work environment and treated surface below 5°C.**
- **Do not apply product if rain is likely to happen or in the presence of strong sunlight, strong winds or persistent fog.**
- **Protect treated surface from driving rain for the time required to allow product full curing.**
- **Due to the complexity of the system application, please contact our Technical Team for any clarification**

TECHNICAL DATA:

DRYING TIME At 20°C and 60% r.h.	Dust dry 1 - 3 hours, overpainting 4 - 6 hours
APPEARANCE	In paste
DILUTION	Ready to use
CONSUMPTION	0.100-0.150 kg/m^2
GRAIN SIZE	0.25 mm
SPECIFIC WEIGHT	1.35± 0.05 kg/l
pH	~ 8,0
DILUTION	With water
PACKAGES	5 kg - 1 kg

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

Classification: A/ g) "primers"
Limit Phase II (from 01/01/ 2010): 30 g/l
VOC: 1 g/l (max).

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G.Pastore, 2 (Z.A. Viserba) 47922 – Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®

LIVING A NEW LIFE

Technical Data Sheet: Art. 0434 **C R E A T I V O® FUGA**

Last update 15/09/2023

Two-component water-based epoxy primer specific for grout joints of tiles.

CHARACTERISTICS:

CREATIVO® FUGA is a two-component epoxy primer composed of a special epoxy-amine binder with low odour emission, suitable for indoor use. **CREATIVO® FUGA** offers great resistance to scratches and wear, low absorption of dirt, and a high level of adherence. **CREATIVO® FUGA** is designed for application on the grout joints between tiles in order to regulate the absorption and avoid surfacing of the matrix of the grout joints.

USE:

CREATIVO® FUGA is used to prevent the surfacing of the matrix of the grout joints of tiles after the application of microcement and resin systems.

CREATIVO® FUGA can be applied on interior vertical surfaces in correspondence with the joints of ceramic tiles, hardware stone, mosaics, and similar surfaces before the application of **CREATIVO® MONO** e **CREATIVO® MICROCEMENTO**. It is used to regulate the absorption for the subsequent application of **CREATIVO®** on ceramic tiles and similar substrates in order to avoid the surfacing of the grout joints, that tend to have a different absorption rate from that of ceramic tiles.

APPLICATION:

Apply on clean, dry surfaces, free of oil, grease, dust, wax, silicone, sealants or any other element that may affect the adhesion of the system. Clean the surface with alcohol. Make sure that the tiles are well fixed and not detaching.
Do not apply the product where there is rising damp. In such case it is necessary to apply **CREATIVO® BARRIERA**.
Before use, pour **CREATIVO® FUGA Component** into the bucket of **CREATIVO® FUGA Component A** and mix the two components. The packages are ready to be mixed. Once mixed, the product has a pot-life of 1.5 - 2 h. Apply by long-hair roller in one coat fully saturating the joint. Apply only in correspondence with the grout joint. The indicative consumption rate is of 0.06 l/m^2 applied with a 5 cm long-hari roller on 10x10 cm tiles. Wait 12-24 h before applying **CREATIVO® GRIP** on the entire surface. After 4-6 h apply the first coat of the **CREATIVO®** or **CREATIVO® MONO** system following the steps and methods indicated in the relative technical data sheet.
Make sure that the application and drying stages take place at room and substrate temperatures between 8°C and 30 °C, with relative humidity <75%. Low temperature and high humidity may significantly affect the drying time.

RECOMMENDATIONS:

- **Before application, ensure that the surface is perfectly dry and cured, and that it has good adherence to the substrate. Surface must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence, or any other element that could impair adherence or successful results.**
- **Do not allow product to freeze (minimum 5°C).**
- **Store product in a cool, dry place and do not expose to direct sunlight.**
- **Use product at a temperature of the work environment and treated surface between 8°C and 30°C. Relative humidity must not exceed 75%.**
- **Do not allow drying to take place with temperature of the work environment and treated surface below 5°C.**
- **Due to the complexity of the system application, please contact our Technical Team for any clarification**

TECHNICAL DATA:

DRYING at 20°C and 60% r.h.	Dust dry 4 – 6 h, Overpainting 12 – 24 h;
ASPECT	Transparent-orange liquid
CATALYSIS RATIO	By 25% in volume
POT-LIFE	1.5 – 2 h ca.
COVERAGE	16 m^2/l = 0,06 l/m$^{2\ on}$ 10x10 cm tiles applied with 5 cm long hair roller.
DENSITY	1.00 ± 0.05 kg/l
VOLUME SOLIDS AT 105°c	19%
SHELF-LIFE	12 months
COLOUR	Orange

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:
J) two-component high performance coatings:
V.O.C. limit value in g/l: since 01.01.2010 = 140 g/l
V.O.C. max value in product: 100 g/l of mixed product.

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G. Pastore 2 (Z.A. Viserba) 47922 – Rimini (Italy)
Tel. +39 0541 734086 email: mp@mp-paints.com
www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®

LIVING A NEW LIFE

TdS: 0896 **CREATIVO® BARRIERA**

Last update 21/02/2020

Three component epoxy-cementitious moisture barrier for floors.

CHARACTERISTICS:

Three component epoxy-cementitious system for the creation of a moisture barrier for floors with high humidity level or subject rising damp. **CREATIVO® BARRIERA** is composed of a two-component epoxy resin (**CREATIVO® BARRIERA component A + component B**) and a dry powder mixture of hydraulic binders and additives (**CREATIVO® BARRIERA component C**). **CREATIVO® BARRIERA** has excellent adhesion even on damp substrates, is quick to cure and achieve its mechanical performance, does not shrink, has low odor emission and is easy to apply.

USES:

CREATIVO® BARRIERA is used for the waterproofing of floors with presence of moisture before the application of **CREATIVO®** systems and to balance the absorption rate on ceramic floors with wide joints.

PREPARATION AND APPLICATION:

Surface must be clean, compact and sound, exempt from oil, grease, dust, waxes, silicone, sealers or any other element that might compromise adhesion of the system. Old filming paints must be removed. Do not apply in the presence of percolating or stagnating water. On floors with ceramic tiles or other coatings, perform a shot blasting and subsequently remove all dust. When applying on new cement screed, make sure that the screed is fully cured. On old non-solid screeds, consolidate the substrate with **CREATIVO® PRIMER.** On exterior non-solid, dusty substrates, consolidate the substrate with **RESINPOL**. After its application, evaluate condition of the substrate before proceeding. Missing portions, holes, cracks need to be repaired with specific mortars and then wait for full curing of the treated area, which will vary according to the thickness applied.

Carefully mix **component A** and **component B** with low speed drill, trying to avoid air absorption. Add **component C** and mix until an homogeneous mixture is achieved. The mixture must be applied within 20 minutes in warm weathers and 40 minutes in colder weathers. Do not add any water once the mixture is starting to set. Apply the mixture by stainless steel trowel in 2 coats. Drying time in between coats is 24 – 48 hours. In case more time has passed, it is necessary to sand the surface . It is also possible to apply the mixture in one coat by toothed trowel and then level it by steel trowel. In order to obtain an effective vapour barrier it is necessary to apply a minimum thickness of 2 mm with consumption rate of 1.8 kg/m^2 for mm applied. On wide surfaces we recommend the application of an 80-90 g/m^2 fiberglass mesh in the first coat of **CREATIVO® BARRIERA**. After 24 h it is possible to start the application of **CREATIVO®** system by applying only 1 coat of **CREATIVO® FONDO** instead of the standard 2 coats.

IMPORTANT NOTES:

- **Before application, make sure that the substrate is perfectly cured, dry and adherent to the substrate. Substrate must be exempt from dirt, oil, mould, fungi, bacteria, salts or any other element that might compromise adhesion or the successful outcome of the job.**
- **Do not apply in the presence of percolating or stagnating water.**
- **Keep the product away from frost (minimum +5°C).**
- **Store in a cool, dry place, away from the sun.**
- **In this conditions, and in its original packing, component C shelf-life is 12 month, component A and B is 24 months.**
- **Use the product at room and substrate temperature between + 5 ° C and + 35 ° C, with relative humidity lower than 75%.**
- **Avoid drying at room and substrate temperature lower than +5°C.**
- **Do not apply with the risk of imminent rain, in direct sunlight, in the presence of strong wind, or with persistent fog.**
- **Protect from driving rain for as long as necessary for the full curing of the product.**
- **Given the complexity of cases of intervention, for any enquiry kindly contact our Technical Department.**
- **Handle with care: avoid contact with skin and eyes by using protecting gloves and goggles.**

TECHNICAL DATA:

MIX RATIO	**Component A 1.3 kg** **Component B 4.7 kg** **Component C 12 kg**
POT LIFE	20-40 min (depending on ambient temperature).
ADHESION TO CONCRETE	> 3Mpa
COMPRESSIVE STRENGHT	@1 day: 40Mpa @7 day: 50Mpa
PACKAGES	Component A 1.3 kg Component B 4.7 kg Component C 12 kg
CONSUMPTION	1.8 Kg (A+B+C) per m^2 per mm of thickness
LIQUID WATER PERMEABILITY (UNI EN 1062-3:2008)	< 0,1 kg/m²·h^{0,5} Class W3 = low permeability
WATER VAPOUR PERMEABILITY (UNI EN ISO 7783-2:2001)	Sd<5m

The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product. It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended use.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G.Pastore, 2 Viserba - 47922 Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

CREATIVO®
LIVING A NEW LIFE

Tds: 0596 **CREATIVO® AUTOLIVELLANTE**

Last update 07/06/2019

Fast drying self-levelling cementitious mortar for interior screed, CE-marked according to 13813 (CT-C53-F7) standard.

CHARACTERISTICS:

CREATIVO® AUTOLIVELLANTE is a fast drying one-component self-levelling mortar in powder. It is ideal for levelling and smoothing interior screed, **CE-marked** according to **EN 13813** standard. **CREATIVO® AUTOLIVELLANTE** is composed by special hydraulic binders and additives that provide an easy application and excellent mechanical resistance. Its fast-drying formulation make it ideal for the substrate preparation before application of **CREATIVO® MICROCEMENTO** system and parquet flooring. In fact, after 48 hours **CREATIVO® AUTOLIVELLANTE** has a very low residual water content and is therefore compatible for the application of these two types of flooring. The thickness of each layer can vary from 1 mm to 10 mm.

USE:

CREATIVO® AUTOLIVELLANTE is used for the levelling of interior irregular screed, or in any case in which further thickness is required. It is also possible to apply **CREATIVO® AUTOLIVELLANTE** on ceramic tiles and radiant floor heating.

HOW TO APPLY:

Surfaces need to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other substance that might affect adhesion of the system. Old paint and filming agents, not perfectly compact and adherent to the substrate, needs to be removed. In case of new cement screeds, the screed must be fully cured, minimum 28 days. In case of old screed, not perfectly sound, apply a consolidating coat of **CREATIVO® PRIMER** and check the condition of the substrate before proceeding with the application. In case of rising damp (above 4%) apply **CREATIVO® BARRIERA** vapour barrier. Holes and cracks can be directly filled with **CREATIVO® AUTOLIVELLANTE**, provided that the final thickness (hole depth + thickness to be recovered) is less than 10 mm. In case total thickness is more than 10 mm, proceeded in two steps: apply a 1st coat of **CREATIVO® AUTOLIVELLANTE** to fill the hole or crack, wait 2 – 4 hours then apply a 2nd coat on the whole surface. Before the application, carefully vacuum the surface.

- Application on cement screed:
Carefully mix **CREATIVO® AUTOLIVELLANTE** with 5.7 - 6.3 l of water for each 25 kg pack with the aid of a low-speed drill or concrete mixer, avoiding the creation of air bubbles. Observe the recommended mixing ratio. An excess of water would lead to the parting of the components and could compromise the mechanical performance. Use the product within 30 minutes (considering a standard temperature of 20°C). For application on a large surface, do not mix the full quantity required, only mix the portion that can be done within 30 minutes. Do not mix the product once it starts to set as this would lead to the loss of its physical and chemical properties. With temperature higher than 20°C the open time decreases. Do not add other materials to the mixture (binders, cement, aggregates, water etc.). Lightly moisten the cement substrate but avoid the development of water stagnation, pour the product on the floor and spread it with a smooth trowel or squeegee. If the overall thickness required is greater than 10 mm, a 2nd coat must be applied once the first coat is sufficiently dry, about 4 hours. It is not possible to apply then 2nd coat once the substrate is fully dry (about 24 hours). Wait 48 hours before applying **CREATIVO® MICROCEMENTO** system. Low room temperature will increase the drying time. It is advisable to check the percentage of substrate relative humidity before proceeding.

- Application on ceramic tiles or natural stone:
On these type of surface it is necessary to apply a 1st coat of **CREATIVO® GRIP**, ready-to-use adhesion promoter primer. Apply by roller with a consumption rate of 0.10-0.15 kg/m^2. instead of water, to even out the surface and improve adhesion. Wait until the surface is completely dry, approximately 4 hours at 20°C and 60% R.H., then apply **CREATIVO® AUTOLIVELLANTE** after mixing it with water in the recommended ratio and proceed as per previous paragraph.

- **Application on radiant floor heating:**
For application on radiant floor heating, make sure that the thermal shock test has already been performed. In case of ceramic tiles on top of the heating system, it is necessary to apply **CREATIVO® BARRIERA** first.

IMPORTANT NOTES:

- **For professional use only.**
- **Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.**
- **Do not apply in the presence of stagnating and/or percolating water.**
- **Protect containers from freezing temperatures (minimum + 5° C).**
- **Store in dry, cool place, away from humidity. In these conditions and in sealed containers, shelf-life of the product is 12 month.**
- **The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.**
- **During curing time environment and substrate temperature should not be below +5°C.**
- **Due to the complexity of the system and application, please contact our Technical Team for any clarification.**
- **The product should be handled with care: use protective gloves and goggles to avoid contact with skin and eyes.**

TECNHICAL DATA:

ASPECT	Grey powder
GRAIN SIZE	Max 0.5 mm
BULK DENSITY	2060 ± 50 kg/m³
MIXING RATE	5.7 – 6.3l of water for 25 kg
OPEN-TIME	30 minutes
CONSISTENCY OF FRESH MORTAR UNI EN 1015-3	>200%
pH	12 ± 0.5
INITIAL SET UNI EN 196-3	15 ± 5 minutes
FINAL SET UNI EN 196-3	30 ± 5 minutes
COMPRESSIVE STRENGHT UNI 12190	@1 day>23 MPa @7 day>33 MPa @28 day>38 MPa
FLEXURAL STRENGHT UNI 12190	@1 day>4 MPa @7 day>6 MPa @28 day>9 MPa
PACKAGING **Creativo® Autolivellante**	25 kg
CONSUMPTION RATE	1.7 Kg/m^2 per mm.

CE – MARKING(EN 13813):

CHARACTERISTICS	REQUIRED VALUE EN 13813	MEASURED VALUE
Compressive strength after 28 days EN 13892-2	≥C5	C35
Flexural strength after 28 days EN 13892-2	≥F1	F7
Reaction to fire EN 13501 - 1	declared value	Class A1

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

CREATIVO® IS A BRAND OF
Colorificio MP S.r.l.
Via G.Pastore, 2 Viserba - 47922 Rimini (Italia)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it

CREATIVO®

LIVING A NEW LIFE

TdS: 0899 **C R E A T I V O® M O N O** | Last update 11/12/2019

One-component decorative resin system for the creation of vertical and horizontal indoor seamless surfaces. CE-marked according to UNI EN 13813 standard "screed material and floors screeds", HACCP certified for application in food rooms, anti-slip certified in compliance with the provisions of the Italian M.D. no. 236.

CHARACTERISTICS:

CREATIVO® MONO is the ideal system for the creation of seamless luxury surfaces with an innovative design. It is highly suitable for the coating, decoration and protection of indoor walls and floors, for use in both residential, hospitals and private clinics, food-processing rooms, bathrooms, radiant floors, furniture, tables, countertops and small objects. **CREATIVO® MONO** offers high performance guaranteeing excellent adhesion to the substrate, flexibility and resistance to compression. The final protection with **CREATIVO® TOP** makes the system resistant to scratches, abrasion, alkaline detergents, acids and the most common detergents used in residential and professional cleaning. **CREATIVO® TOP** also makes the system **HACCP** certified for use in hospitals and food environments. With the application of **CREATIVO® TOP** the system will also be anti-slip certified both on wet and dry conditions according to the M.D. 14/06/1989 n. 236. Concerning fire reaction, **CREATIVO® MONO**, is classified **B_{fl}-s1** according to European Standard **UNI EN 13501-1:2009**.

CREATIVO® MONO is a practical, sustainable and easy system in line with the Urban Regeneration concept as:

- It is a one-component resin
- It is easy to apply thanks to a minimal DFT (total system thickness around 2-3 mm) thus allowing to save the cost of adapting the interior fittings (doors, windows) to the a new flooring system.
- It is sustainable and eco-friendly as it is applied directly on screed and/or ceramic surface avoiding its removal and disposal.
- It is formulated with raw materials that have the lowest impact on the environment, maintaining high protection and resistance in order to maintain innovative design, it is the combination of living comfort and quality of materials; these element are the principal characteristic of the **Made in Italy.**

CREATIVO® MONO FINITURA is available upon request in an endless range of colours easily achievable with **COLORPLUS® EVOLUTION** tinting system: choose the right colour for your spaces from **Armonie d'Interni** colour card.

USE:

CREATIVO® MONO can be applied on cement screed, ceramic surfaces, porcelain, mosaic, concrete, plaster, render, gypsum and plasterboard, epoxy coating, polyurethane coating, organic surfaces or natural inorganic ones if well sound. **CREATIVO® MONO** is therefore the ideal system both for new floorings and renovation as there is no need to remove the existing floor. **CREATIVO® MONO** finds its ideal use in private residential projects, apartments, villas and in every space where an exclusive, innovative design is desired. On walls, **CREATIVO® MONO** can be applied directly on the rough cement plaster without the need of applying any skimcoat, primer, and paint. **CREATIVO® MONO** combines all these steps in only one product, which makes it quick, easy to apply and confers the surfaces a beautiful finish.

THE SYSTEM:

CREATIVO® MONO is composed by the following items:

- **CREATIVO® MONO FONDO :** Microfibrated ready-to-use mortar in paste composed of selected coarse mineral aggregates, resins and special additives to improve ease of application and performance. **CREATIVO MONO FONDO** grain size is 0.5 mm.
- **CREATIVO® MONO FINITURA :** Ready-to-use mortar in paste composed of resins, selected mineral aggregates and special additives to improve ease of application and performance. **CREATIVO® MONO FINITURA** max. grain size is o.3 mm. **CREATIVO® MONO FINITURA** is the finishing coat and can be coloured by **COLORPLUS®** tinting machine in the selected colour.
- **CREATIVO® PRIMER :** acrylic microemulsion, with high penetrating and consolidating characteristics. Ideal to reduce absorbency of **CREATIVO® TOP.**
- **CREATIVO® TOP :** Two-component polyurethane protective clear topcoat, water-base. **CREATIVO® TOP** is **HACCP**-certified for the use in food environments or where high hygiene is required. **CREATIVO® TOP** is available in **GLOSSY**, **SATIN** and **MATT**. **Component A** has to be mixed with 20% in weight of **component B** (1 kg of component A + 0.2 kg of component B). Mix well **component A** before adding **component B**. Pot life of the mixed product is 1 hour, do not use it after that. **CREATIVO® TOP** has an aliphatic nature, therefore it does not yellow and it is resistant to UV rays. 80% of the physical and chemical resistances are developed after 3 days. In order to achieve full mechanical and chemical performance it requires 7 days. Temperature and humidity can affect the filming and drying time.

Considering the nature of the products and the complexity of the system, the system should only be applied by qualified professional, with specific training delivered by **CREATIVO® ACADEMY**.

SURFACE PREPARATION:

Surface needs to be compact, sound, dry, solid, clean, free from dust, grease, oil, waxes, sealers, silicone compounds or any other element that might affect adhesion of the system. Old paint and filming agents, not perfectly compact and adherent to the substrate, needs to be removed. In case the substrate is not solid, sound and compact, apply a consolidating coat of **CREATIVO® PRIMER**. Carefully evaluate substrate condition after consolidation process before moving to the next step. Missing parts, holes, cracks or damages, need to be treated with specific restoration mortars. The treated area must cure properly according to the nature and thickness of the product applied. In case of rising damp (above 4%) it is necessary to apply **CREATIVO® BARRIERA** vapour barrier. **CREATIVO® MONO** has an excellent adhesion on wood, but we don't recommend application on parquet to avoid that the movement of the latter and the different elastic module

affect the finish over time. It is therefore recommended to remove it. On high gloss and smooth substrates it is necessary to perform a light shot blasting or grinding to improve adhesion of **CREATIVO® MONO FONDO**. As an alternative it is also possible to apply 1 coat of **CREATIVO® GRIP** by roller, ready-to-use adhesion promoter primer. Recommended consumption rate for **CREATIVO® GRIP** is 0.1 – 0.15 kg/m^2.Wait until it is completely dry before applying **CREATIVO® MONO FONDO**. Expansion joints need to stay free to absorb potential structural movement. In case of **radiant floor heating**, make sure that thermal shock test has been performed before application of **CREATIVO® MONO**, and won't be performed subsequently to its application. In case ceramic tiles have been applied on the radiant floor, it is necessary to apply **CREATIVO® BARRIERA** before application of the system. The heating system has to be switched off 4 days before starting the application and can be turned on again after 7 days from completion of the full system.

HOW TO APPLY:

I. FLOORS AND VERTICAL SURFACES WITH CERAMIC TILES.

- **1° coat: CREATIVO® MONO FONDO**
  Apply **CREATIVO® MONO FONDO** by stainless steel trowel trying to avoid very thick layers per single coat. After at least 8 hours sand manually or by sanding machine any imperfection, using 60G sandpaper and vacuum the dust. When dealing with very big areas, it is possible to interpose a fiberglass mesh 80-90 gr/m^2 in the first coat. If the mesh is used, do not sand the first coat.
  We recommend the use of shoe covers during all the operations to avoid dirtying the surfaces. Avoid wetting the surface before completing the system. Stains or spots will affect the final aspect.
- **2° coat: CREATIVO® MONO FONDO**
  Apply the second coat in the same way, after at least 8 hours sand manually or by sanding machine any imperfections, use 60G sandpaper and vacuum the dust.
- **3° coat: CREATIVO® MONO FINITURA**
  Apply **CREATIVO® MONO FINITURA** with special tool **CREATIVO® RED SPATULA** made with an extra thin stainless steel blade. The use of trowels with stiff blade can develop black marks on the finish. After 4 hours sand manually or with sanding machine any imperfections, use 120G sandpaper and vacuum the dust.
- **4° coat: CREATIVO® MONO FINITURA**
  Apply the second coat of **CREATIVO® MONO FINITURA** in the same way as the first and design the surface with the specific technique desired.. After at least 8 hours sand and vacuum the surface.
- **Application of CREATIVO® PRIMER**
  Apply by roller one coat of **CREATIVO® PRIMER**, ready to use, in order to absorbency of **CREATIVO® TOP**. Wait 4 hours for the coat to dry.
- **Application of CREATIVO® TOP (Required for floors, optional on walls where high washability and water-repellence are not required)**
  Mix carefully **COMPONENT A** before use, add **COMPONENT B** (catalysis ratio: 1kg A + 0,2 kg B), mix well and apply with specific **CREATIVO® MOHAIR ROLLER** taking care of applying homogeneously the product without leaving deposits and paying special attention to corners, edges and drains. First coat can be diluted up to 10% with water. After about 6 hours, and not later than 24 hours from the first coat, apply a second one with the same method, diluted 0-5% with water. In case over 24 hours have passed, it is necessary to sand the surface with thin grit sandpaper (250G and over) and vacuum before proceeding to the next coat.
  Wait 24 hours from the last coat before walking on the surface, avoid any heavy movement, abrasive action, deposit of dirt, moist, oily and staining substance. Wait at least 7 days for full curing of the film, minimum time for the surface to achieve maximum skid and abrasion resistances and minimum dirt pick-up

  Wash well the tools with water after use.

II. VERTICAL SURFACES WITHOUT CERAMIC TILES.

In case of application on vertical surfaces such as plaster, plasterboard or paint (only if perfectly compact and adherent), proceed as follows:

- **Application of CREATIVO® PRIMER**
  Apply one coat of **CREATIVO® PRIMER** by roller in order to reduce regulate absorbency before application of the finish coat. **CREATIVO® PRIMER** is ready to use. Wait at least 4 hours.
- **1° coat: CREATIVO® MONO FINITURA**
  Apply **CREATIVO® MONO FINITURA** with special tool **CREATIVO® RED SPATULA** made with an extra thin stainless steel blade. The use of spatula with stiff blade can be develop black marks on the finish. After 4 hours sand manually or with sanding machine any imperfections, use 120G sandpaper and vacuum the dust.
- **2°coat: CREATIVO® MONO FINITURA**
  Apply the second coat of **CREATIVO® FINITURA** in the same way as the first and design the surface with the specific technique. After at least 8 hours sand and vacuum the surface.
- **Application of CREATIVO® PRIMER**
  Apply by roller one coat of **CREATIVO® PRIMER**, ready to use, in order to reduce absorbency of the following coat of **CREATIVO® TOP** (if needed).

  If water repellence, washability and HACCP certification are required, proceed with protection by applying 2 coats of **CREATIVO® TOP.**

HOME DÉCOR AND SPECIAL EFFECTS

It is possible to achieve the typical cloudy effect by creating ridges and consequently sanding them. It is also possible to create different textures by applying with different techniques the last coat of **FINITURA**. To achieve special decorative effects, it is possible to replace **CREATIVO® PRIMER** with a decorative finish from the **STILE ITALIANO** collection. Any of the following products can be applied: **RIFLESSI DI LUNA, VELI D'ORIENTE**, **ANTICA PATINATURA**, **GLAMOUR, ART METAL**. Please contact our technical department to learn the most correct use according to the type of surface. Where necessary, **CREATIVO® TOP** has to be applied after at least 6-8 hours from the application of the decorative finish. It is also possible to add **STELLE** to the first coat of **CREATIVO® TOP** to obtain a glittery finish.

CLEANING AND MAINTENANCE:

During HACCP tests, **CREATIVO® TOP** proved to have excellent resistances to alkaline and acid detergents.
For general maintenance we recommend to clean the surface with a neutral detergent. Do not use a vapour steam cleaner. It is possible to use cleaning machines for professional use only if without abrasive brushes. **Wait at least 7 days before cleaning the surface for the first time. Remove from the surfaces protected with CREATIVO TOP in 2 coats within 2 hours from the application, CREATIVO TOP in 3 coats within 4 – 6 hours from the application, remove any aggressive, moist, oily, staining substance from surface trying to avoid prolonged contact as it might be absorbed by the porosity of the film and affect the finish**. In case of application on counter tops and tables, we recommend to avoid direct contact of high heat items (pots and pans). Touch ups and maintenance could lead to joint lines. We recommend to perform the touch up activity until an architectural barrier is met or perform a decorative finish that can hide the joint. In case the touch up has to be performed on **CREATIVO® TOP** only, sand and vacuum the surface before activity. Floorings made with **CREATIVO®,** as with similar systems, have higher mechanical and chemical resistances compared to wood floorings, but lower than stoneware ones.

IMPORTANT NOTES:

- **Before application, ensure that the surface is perfectly dry and hardened, and that it has good adherence to the supporting substrate. It must be clean and free from oil, grease, mould, fungus, bacteria, efflorescence or any other defect that could impair adherence or successful results.**
- **Protect containers from freezing temperatures (minimum + 5° C).**
- **Store in a cool, dry place; do not expose to direct sunlight.**
- **The temperature of both the work environment and substrate should be between + 8° C and + 30° C. Relative humidity must not exceed 75%.**
- **Avoid curing with temperature of environments and substrate below +5°C.**
- **Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.**
- **Protect the treated surfaces from driving rain for as long as necessary for the complete curing of the product.**
- **Arrange the scaffolds in such a way as to allow continuous application until architectural interruptions to avoid the formation of joints, overflows and colour differences.**
- **Obtain enough of the colour in a single batch to complete the job or at least complete portions of work which do not draw attention to shade differences.**
- **Due to the complexity of the system and its possible application, please contact our Technical Team for any clarification.**

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

TECHNICAL DATA:

TEST	TEST METHOD	MEASURED VALUE			
		PRODUCT	FORM	PACKAGES	
Product form and packing size		**Creativo® MONO Fondo**	paste	**15 kg**	**5 kg**
		Creativo® MONO Finitura	paste	**15 kg**	**5 kg**
		Creativo® Primer	liquid	**5 l**	**1 l**
		Creativo® TOP comp. A Lucido	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP comp. A Satinato	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP comp. A Opaco	liquid	**2.5 kg**	**1 kg**
		Creativo® TOP Comp.B	liquid	**0.5 kg**	**0.2 kg**
Consumption rate		**Creativo® MONO Fondo**		0.7 – 1 kg/m^2	
		Creativo® MONO Finitura		0.4 – 0.5 kg/m^2	
		Creativo® Primer		0.08 l/m^2	
		Creativo® TOP		0.07 kg/m^2	
Density	UNI EN ISO 2811-1:2003	**Creativo® MONO Fondo**		1.42 ± 0.10 Kg/l	
		Creativo® MONO Finitura		1.55 ± 0.10 Kg/ll	
		Creativo® Primer		1.02 ± 0.05 Kg/l	
		Creativo® TOP comp. A Lucido		1.02 ± 0.05 Kg/l	
		Creativo® TOP comp. A Satinato		1.05 ± 0.05 Kg/l	
		Creativo® TOP comp. A Opaco		1.05 ± 0.05 Kg/l	
		Creativo® TOP Comp.B		1.15 ± 0.05 Kg/l	
Grain Size		**Creativo® MONO Fondo**		0.5 mm	
		Creativo® MONO Finitura		0.3 mm	
Gloss	UNI EN ISO 2813:2002	**Creativo® TOP Lucido (Glossy)**		80±10 Gloss a 60°	
		Creativo® TOP Satinato (Satin)		22±5 Gloss a 85°	
		Creativo® TOP Opaco (Matt)		9±5 Gloss a 85°	
pH		**Creativo® MONO Fondo**		7.5 ± 0.5	
		Creativo® MONO Finitura		7.5 ± 0.5	
		Creativo® Primer		8.0 ± 0.5	
		Creativo® TOP Lucido		7.5 ± 0.5	
		Creativo® TOP Satinato		7.5 ± 0.5	
		Creativo® TOP Opaco		7.5 ± 0.5	

UNI EN 13813 TEST				
Test	**Test standard method**	**Measured Value**	**Valued Required**	**Result**
Bond strenght	UNI EN 13892-8	1.6 N/mm² **Class B1.5**	≥ B1.5 for resin screeds.	PASS
Wear resistance – BCA Method	UNI EN 13892-4	Maximum depth of wear 30 µm **Class AR0.5**	≤AR1 for resin screeds.	PASS
Impact resistance	UNI EN ISO 6272-2	> 9,8 Nm **Class > IR9**	≥ IR4	PASS

UNI EN 11021:2002 TESTS FOR CREATIVO® TOP					
RIF	**Description**	**Method**	**Measured value**	**Limit value**	**Result**
Essential Requirements					
7.1	Dirty pick up	UNI 10792	ΔL = 0.10	ΔL ≤ 3.0	PASS
7.2	Smell	Appendice A	0	≤ 1.0	PASS
Specific Requirements					
8.1	Washability	UNI EN ISO 11998	Ldft =0.01µm	Ldft ≤ 5µm	PASS
8.3	Resistance to the mould	Appendice C	0	≤ 1	PASS
8.4	Resistance to washing agents Detergent B (alkaline washing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to washing agents Detergent C (acid washing agent)	UNI EN ISO 2812-1	No alteration	No alteration	PASS
8.4	Resistance to washing agents Detergent D (disinfecting)	UNI EN ISO 2812-1	No alteration	No alteration	PASS

D.M. 14/06/1989 n.236 TESTS – B.C.R.A. Method			
Test	**MEAN OF FRICTION COEFFICIENT REGISTERED VALUES**	**REQUIRED VALUE**	**Resuly**
Leather on dry surface	**μ = 0.43**	**μ > 0.40**	**Compliant**
Rubber on wet surface	**μ = 0.86**	**μ > 0.40**	**Compliant**

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

Creativo® MONO Fondo :
i) One-pack performance coatings;
Limit Phase II (from 01/01/ 2010)= 140 g/l
Max VOC in the product: 10 g/l

Creativo® MONO Finitura :
i) One-pack performance coatings;
Limit Phase II (from 01/01/ 2010)= 140 g/l
Max VOC in the product: 10 g/l

Creativo® Primer :
g) Primer;
Limit Phase II (from 01/01/ 2010)= 30 g/l
Max VOC in the product: 13 g/l

Creativo® TOP A+B :
j) Two-pack reactive performance coatings for specific end use such as floors;
Limit Phase II (from 01/01/ 2010)= 140 g/l
(from 01/01/ 2010)140 g
Max VOC in mixture (COMPONENT A): 25 g/l
Max VOC in mixture (COMPONENT B): 9 g/l
Max VOC in mixture (COMPONENT A + COMPONENT B): 19 g/l

CREATIVO®
LIVING A NEW LIFE

SUMMARY TABLE OF SYSTEM TIMING

System	Ratio	Tools	Waiting time for next coat
Creativo® MONO Fondo	Ready to use		> 8 h
Creativo® MONO Fondo	Ready to use	 60 G 	> 8 h
Creativo® MONO Finitura	Ready to use	 60 G 	> 4 h
Creativo® MONO Finitura	Ready to use	 120 G 	> 4 h
Creativo® Primer	Ready to use	 120 G 	> 4 h
Creativo® Top (A+B)	1 part + 0,2 part		> 6h < 24h
Creativo® Top (A+B)	1 part + 0,2 part		24h - walkable 7 dd - cleaning

PACKAGES AND CONSUMPTION RATE

PRODUCT	Pack.	u.m.	Cons. kg/m2 per coat	No. coat on horizontal surfaces	No. coat on vertical surfaces with ceramic tiles	No. coat on vertical surfaces	Coverage per pack. per sqm (1 coat)
CREATIVO							
Creativo® MONO Fondo 15 kg	15	kg	0.7 – 1.0	2	2	Optional	15 – 21.5
Creativo® MONO Fondo 5 kg	5	kg					5 -7
Creativo® MONO Finitura 15 kg	15	kg	0.4 – 0.5	2	2	2	30 -37.5
Creativo® MONO Finitura 5 kg	5	kg					10 -12.5
Creativo® Primer	1	l	0.08	1	1	1	12.5
Creativo® TOP Glossy/Satin/Matt comp. A 2.50 kg + comp. B 0.5 kg	3	kg	0.07	2	Facoltative – 2 coats where high washability, water-repellence or HACCP is required	Optional – 2 coats where high washability, water-repellence or HACCP is required	43
Creativo® TOP Glossy/Satin/Matt comp. A 1 kg + comp. B 0.2 kg	1.2	kg					17

CREATIVO®

LIVING A NEW LIFE

TDS: 0899TOP **CREATIVO® MONO TOP** | Last update 03/02/2020

One-pack water-based PU sealer.

CHARACTERISTICS:

CREATIVO® MONO TOP is a one-pack water-based PU clear sealer of aliphatic nature, available glossy or matt. **CREATIVO® MONO TOP** has a high performance in terms of flexural strength, resistance to scratches and abrasion. It is resistant to common detergents and cleaners for home care. **CREATIVO® MONO TOP** has good water resistance. Thanks to its aliphatic nature it is resistant to UV-rays, it does not yellow and it is not dusty. Unlike two-pack PU sealers, **CREATIVO® MONO TOP** is not only for professional use and can be used also for d-i-y.

USE:

Thanks to its resistance, hardness and adhesion, **CREATIVO® MONO TOP** is ideal for the protection of surfaces subject to frequent washing and cleaning, to protect surfaces from abrasion, dirt and make them water-repellent. It can be applied on concrete, cement, microcement, lime, emulsion paints, bricks. It is most frequently used in all rooms where, for aesthetic or hygiene purposes, a perfectly clean surface is required, such as corridors, stairs, kitchens, pantries and public buildings such as schools, hospitals, canteens, etc. **CREATIVO® MONO TOP** can be applied both on internal and external walls, on indoor floors, furniture, and all other surfaces made with **CREATIVO® MICROCEMENTO** or **CREATIVO® MONO** systems as long as they are not subject to water stagnation.

SURFACE PREPARATION:

Surfaces must be sound and dry, well compact, clean and free from oil, grease, dust, waxes, silicones, sealers and/or any other substance that might compromise good adhesion of the system. Old paints if not perfectly compact and adherent, should be removed. Do not apply in the presence of rising damp. Apply 1 coat of **CREATIVO® PRIMER** in order to consolidate the substrate and reduce absorbency.

APPLICATION

The product is ready to use. Carefully mix and apply with specific **CREATIVO® MOHAIR ROLLER**. Make sure to apply the product evenly on the full surface by applying it in crossed direction and without leaving any excess of material. Take particular care of edges and corners. After 4.6 hours from the 1st coat, apply 2nd coat in the same way. For application on floors, it is necessary to apply a 3rd coat after 4-6 hours from the previous one.
Wait at least 24 hours from the last coat before walking on the surface, avoid any heavy movement, abrasive action, deposit of dirt, moist, oily, staining substances. Wait at least 7 days for full curing and maximum resistance to friction, abrasion and dirt.
80% of the physical and chemical resistances are achieved within 3 days, but for full curing it is necessary to wait 7 days. Temperature and humidity might affect the curing and drying time. Wash all tools with water immediately after use.

CLEANING AND MAINTENANCE:

Cleaning must be carried out with neutral detergents. Do not use a steam cleaner. **Wait at least 7 days before cleaning the surface for the 1st time. Remove any deposit of dirt, or moist, oily, staining substance, etc. within 1 hour from deposit. This, in order to prevent absorption of the aggressive substance by the film through prolonged contact, which might deteriorate its appearance irrevocably**. Touch-ups can be easily done, it is sufficient to sand the surface and clean it before proceeding with the application.

IMPORTANT NOTES:

- **Before proceeding with the application, make sure that the surface is perfectly dry and cured and well adherent to the substrate. Surface must be free from dirt, oil, moulds, fungi, bacteria, effloresce, or any substance that might compromise good adherence or a succesful outcome of the work.**
- **Protect containers from freezing temperature (min. +5°C).**
- **Store in a cool, dry place. Do not expose to sunlight.**
- **Ambient and surface temperature should be between +8°C and +30°C, relative humidity should not exceed 75%.**
- **Avoid drying at ambient and surface temperature below +5°C.**
- **Do not use the product when there is the likelihood of rain, in direct sunlight, strong winds, or persistent fog.**
- **Protect from driving rain, water and other staining substances until full curing of the system.**
- **Erect the scaffolding so as to allow a continuous work until full execution of the work or at least until an architectural interruption is met, in order to avoid visible joints and/or overlaps.**
- **Due to the great variety of cases in which the product can be applied, please contact our Technical Office for any doubt.**

The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.

CREATIVO®
is a brand of Colorificio MP S.r.l.
Via G.Pastore, 2 Viserba - 47922 Rimini (Italy)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com

TECHNICAL DATA

TEST	MEAUSRED VALUE	
Density UNI EN ISO 2811-1:2003	1.05 ± 0.05 Kg/l	
Gloss index UNI EN ISO 2813:2002	**Lucido (Glossy)** **Opaco (Matt)**	85±5 Gloss a 60° 15±5 Gloss a 85°
Viscosity	1250 cPs ± 500 cPs	
pH	8.5 ± 1	
Consumption rate	0.07–0.09 l/m^2 per coat	
Drying at 20°C	Touch dry 30' – 1 h, overpainting 4-6 h; walkable 24 h ca.; full mechanical resistance 7 days.	
Packages	1 l - 2.5l	

Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

i) one-pack performance coatings
Limit phase II since 01.01.2010: 140.00 g/l
Max VOC in product (ready to use): 80 g/l

CREATIVO®
is a brand of Colorificio MP S.r.l.
Via G.Pastore, 2 Viserba - 47922 Rimini (Italy)
Tel. +39 0541 734086 Fax +39 0541 734282
mp@colorificiomp.it - www.creativo-microcemento.it – www.creativo-microcement.com