Product Datasheet

Single-Stick and Contact Adhesive

UZIN DK 290 THERMOCOLL®

Heat-activated contact adhesive for installations of PVC and PO floor coverings over wall coving

MAIN APPLICATION FIELD:

- for installing PVC and PO floor coverings over wall coves e.g in areas with high hygienic requirements such as hospitals, retirement homes or operating rooms

SUITABLE ON / FOR:

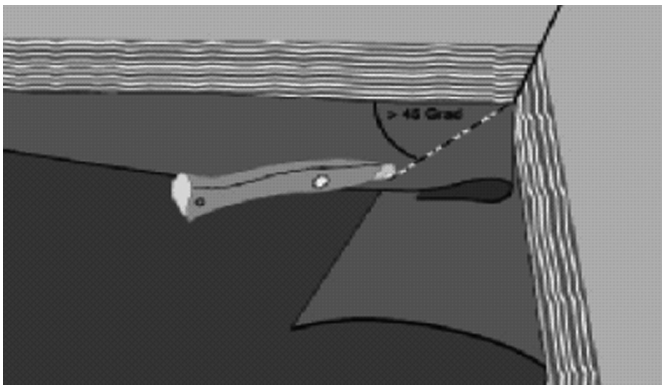
- all common building substrates
- levelled substrates
- plaster, plasterboards
- painted or unpainted wallpapers or walls
- wood
- plastic
- coatings
- metal



PRODUCT BENEFITS/FEATURES:

UZIN DK 290 Thermocoll® is a ready to use, water-based dispersion adhesive for single-stick use with very good adhesion properties through heat activation. Corrections are possible by reheating the floor covering and reactivating the adhesive. For interior use.

- heat-activated
- long contact bonding time
- permanently tacky



TECHNICAL DATA:

Packaging	plastic bucket
Pack size	5 kg
Shelf life	min. 12 months
Color	cream white
Consumption	approx. 350 g/m²
Ideal application temperature	18 - 25 °C
Open time	approx. 12 hours*
Working time	after approx. 48 hours*
Minimum application temperature	15 °C at ground level
Loadable	immediately*
Joint sealing	after 24 hours*
Final strength	directly after cooling

*At 20 °C and 65% relative humidity, depending on the type of covering and the absorbency of the substrate.

GEV-EMICODE EC 1 PLUS very low emission

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UZIN DK 290 THERMOCOLL®

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion.

When applying the adhesive on water-soluble paints, a trial bond has to be performed. Dusty or very absorbent substrates have to be primed with UZIN PE 360 PLUS. Test the substrate in accordance with applicable standard or notices and report any deficiencies.

The datasheets for other used products have to be observed.

APPLICATION:

1. Apply an even coat of adhesive with a B1 trowel notch onto the susbstrate.
2. Allow the adhesive to dry until it appears transparent (ideally overnight). Reactivate the adhesive with a hot-air blower (3000 W) and also heaten the floor covering. Immediately install the floor covering and rub down. Later corrections are possible with reheating. Check for hollow spots after 20 minutes and rub down thoroughly again.
3. Remove adhesive residues while fresh with water.

CONSUMPTION INFORMATION:

Toothing	Coating/Backing	Consumption approx.*
B1	smooth / textured	350 g/m²

*At 20 °C and 65% relative humidity, with tempered adhesive buckets.

IMPORTANT NOTES:

- A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 75%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time.
- Humid substrates may cause secondary emissions and odours. Therefore, ensure the compound is dry before applying the adhesive.
- Before installing, the floor covering must be adequately acclimatised to the indoor climate and free from tension.
- To get an ideal bond, the adhesive has to be sufficiently activated with a hot-air blower as described above.
- Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respective of the applicable national standards (e.g. END, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- Solvent-free
- EMICODE EC 1 / Very low emission

COMPOSITION:

Polymer dispersion, modified resins, preservation agents, mineral aggregates, additives and water.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. When fully dried, has a neutral odour and presents no physiological or ecological risk. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different constructions and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our website under www.uzin.com | 10/2024