

Single-Stick and Contact Adhesive

# UZIN DK 290 Thermocoll®

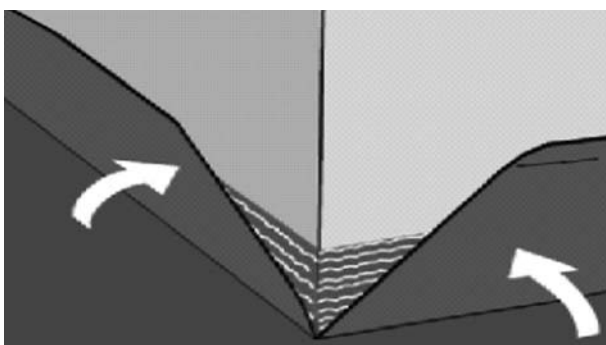
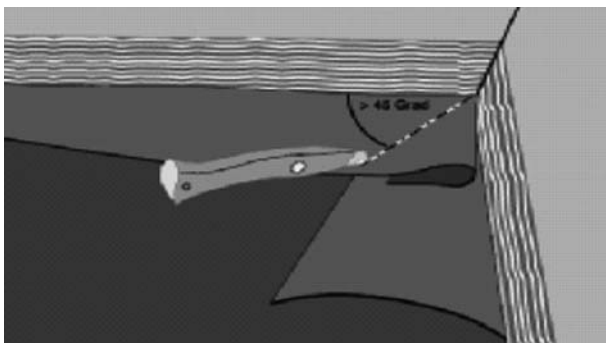
Heat-activated contact adhesive for cove-formed installation of PVC and polyolefin floor coverings

## Description:

Heat-activated dispersion adhesive for single-stick and contact adhesion on interior walls and floors. Especially for use in cove-formed installation in projects in wet areas and where hygiene is required.

Suitable for/on:

- ▶ self-covered installations (flooring and wall skirting using one piece of the covering) of PVC and polyolefin coverings, e.g. in projects with high demand on hygiene such as in hospitals, homes for the elderly or operating theatres
- ▶ coved skirting formation using PVC or polyolefin coverings
- ▶ all normal substrates such as, e.g. smoothing compounds, renders, plasterboard, painted or unpainted wall-coverings or walls, wood, plastics, coatings, metals, etc.



## Product Properties / Benefits:

Ready to use, water-based dispersion adhesive for single-stick or contact use. Excellent bond properties through heat-activation. Correction can be made by re-heating the covering and re-activating the adhesive.

**Composition:** Modified polyvinyl acetate co-polymers, thickening-, wetting- and de-foaming- agents, preservatives and water.

- ▶ Heat-activated
- ▶ Long contact bond time
- ▶ Permanently tacky
- ▶ Solvent-free
- ▶ EMICODE EC 1/Very low emission

## Technical Data:

Packaging:	plastic drum
Packsize:	5 kg
Shelf life:	min. 12 months
Colour:	cream-white
Consumption:	200 – 300 g / m <sup>2</sup>
Working temperature:	min. 15 °C / 59 °F
Open time:	approx. 12 hours*
Working time:	approx. 48 hours*
Load-bearing:	immediate*
Final strength:	immediately after cooling*
Joint welding:	after 24 hours*

\*At 20 °C / 68 °F and 65 % relative humidity.

## Subfloor Preparation:

The substrate must be sound, dry, free from cracks and dust, clean and free from materials that would impair adhesion. In the case of water soluble paints, carry out a trial bond. Prime any dusty or highly absorbent surfaces such as, e.g. plasterboard, etc., with universal primer UZIN PE 360.

Test the substrate in accordance with applicable standards and notices and report any deficiencies. Refer to the Product Data Sheets for other products used.

## Application:

Single-stick method, e.g. for covered installations:

1. Using the small trowel notch A2, apply the adhesive evenly onto the surface.
2. Allow the adhesive layer sufficient open time so that it turns transparent (ideally overnight). Re-activate the adhesive layer on the surface using a hot-air blower (min. 3.000 watt) and also heat the covering. Immediately lay the covering into exact position and rub down using a rubbing-hammer. Correction is possible by applying more heat. After approx. 20 minutes, check for hollow-spots and rub down again with heavy pressure.

Contact method, e.g. for formed skirtings using strips of covering:

3. Using the trowel notch A2/A1, apply the adhesive evenly onto the surface.
4. Roller apply a thin contact coat on the back of the covering / skirting using a lambswool roller.
5. Allow both adhesive layers sufficient open time that they turn transparent (ideally overnight). Re-activate both adhesive layers using a hot-air blower (min. 3.000 watt). Immediately lay the covering into exact position and rub down using a rubbing-hammer. Correction is possible by applying more heat. After approx. 20 minutes, check for hollow-spots and rub down again with heavy pressure.

To achieve an ideal adhesive bond, the adhesive must be activated using the above-described hot-air blower before rubbing down.

Remove adhesive contamination whilst still fresh using warm water with a little washing-up liquid.

## Consumption:

Backing	Notch Size	Consumption per face*
Smooth	A1	approx. 200 g/m <sup>2</sup> using single-stick method
Textured	A2	approx. 250 g/m <sup>2</sup> using single-stick method
Smooth/textured	Lambswool roller	approx. 150 g/m <sup>2</sup> using contact method

\*At 20 °C/68 °F and 65 % relative humidity and with acclimatised adhesive containers. Consumption is also dependent on the condition and absorbency of the surface and on the backing construction of the covering.

## Important Notes:

- ▶ Shelf life min. 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly reseal opened containers and use the contents as quickly as possible. Before use, allow the adhesive to come to room temperature.
- ▶ Optimum working conditions are 18 – 25 °C/64 – 77 °F, floor temperature above 15 °C/59 °F and relative humidity below 75 %. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the working-, setting- and drying-times.
- ▶ Before adhering, coverings must be adequately relaxed, acclimatised and matched to the normal climatic conditions expected during later use.
- ▶ For linoleum or rubber coverings, use other adhesives.
- ▶ The following standards and notices are applicable and especially recommended:
  - DIN 18 365 "Working with floor coverings"
  - Publication by the Adhesives Industry Association "Assessment and preparation of substrates – adhesion of resilient and textile floor coverings"
  - TKB publication "Assessment and preparation of substrates for floor covering and parquet installation" 06/2004
  - BEB publication "Assessment and preparation of substrates" 02/2002

## Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended.

EMICODE EC 1 – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). When fully dried, has a neutral odour and is ecologically and physiologically harmless.

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 all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic buckets 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.