

Dispersion Tile Adhesive

codex Cremasino

Ready to use, flexible dispersion tile adhesive

Description:

Very low emission dispersion tile adhesive for fixing fine and coarse, large and small format ceramic tiles and mosaics. Thanks to its flexibility, especially suitable for use on light-weight wall constructions, pre-cast concrete sections, etc. as well as on hard foam boards. codex Cremasino meets D1TE in accordance with DIN EN 12 004. For use on interior walls.

Suitable for/on:

- ▶ fine and coarse, large and small format tiles
- ▶ earthenware, stoneware, clinker
- ▶ dry or only slightly wet areas (e.g. domestic kitchens, toilets, bathrooms, workshops and leisure areas)
- ▶ bonding hard-foam boards and fibre- and decorative-boards
- ▶ concrete
- ▶ brickwork
- ▶ gas concrete
- ▶ cement-, lime-cement- and gypsum- renders
- ▶ plasterboard, plaster fibre-boards
- ▶ tiling boards

Especially useful in renovation work due to easy and clean application, e.g. in refurbishment of old buildings.

Product Properties / Benefits:

Ready to use dispersion adhesive with thick paste consistency, for all thin-bed installation work according to DIN 18 157 Part 2. Combines good adhesion with the highest demands in respect of workplace protection, indoor air quality and environmental compatibility. Sets by evaporation of its water content.



CE
UZIN UTZ AG Dieselstraße 3 D-89079 Ulm 06
EN 12004 Dispersion adhesive for interior wall tiling
D1 TE



Composition: Modified polyacrylate copolymers, thickening-, wetting- and de-foaming- agents and preservatives, mineral fillers and water.

- ▶ For adhesive bed thickness up to 5 mm
- ▶ Smooth and easy to apply
- ▶ Low slump even with large format tiles
- ▶ Flexible
- ▶ Neutral odour
- ▶ Solvent-free
- ▶ EMICODE EC 1 / Very low emission

Technical Data:

Packaging:	plastic drum
Packsize:	8 and 16 kg
Shelf life:	min. 12 months
Colour:	cream white
Working temperature:	5 °C – 30 °C / 41 °F – 86 °F
Working time:	approx. 30 minutes*
Ready for grouting:	after 1 – 2 days*
Load bearing:	after 2 – 3 days*

*At 23 °C / 73 °F and 50 % relative humidity.

Substrate Preparation:

The substrate must be level, sound, dry, free from cracks, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Mechanically prepare smooth concrete surfaces, soft or weakly bonded surface areas and clean until dust-free.

Prepare the substrate according to type and condition with suitable primers and smoothing compounds from the codex product range. Prime gypsum-based substrates.

Always allow primers to dry thoroughly.

Refer to the Product Data Sheets for the codex products used.

Application:

1. Using a smoothing trowel, scratch-apply a thin contact coat to fully cover the surface.
2. Onto the contact coat whilst still fresh, apply an adhesive bed of sufficient quantity and then comb through with a notched trowel. Only as much adhesive as can be tiled within the adhesive working time.
3. Lay the tiles into the adhesive bed with a light twisting motion and press well down. Freshly laid tiling can be grouted after 1 – 2 days*. Clean tools and contaminated surfaces with water while the adhesive is still fresh.

Consumption:

Trowel Notch	Consumption	Coverage per 16 kg drum
3mm (C3)	1.7 kg /m ²	9.4 m ²
4mm (C1)	2.0 kg /m ²	8.0 m ²
6mm (C2)	2.5 kg /m ²	6.4 m ²
8mm (C4)	3.0 kg /m ²	5.3 m ²

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost. Tightly seal opened containers and use the contents as quickly as possible.
- ▶ Optimum working conditions are 18 – 25 °C/64 – 77 °F, relative humidity < 75 %. Do not use at < 5 °C/41 °F and > 35 °C/95 °F. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the working-, setting- and drying- times.
- ▶ Due to the setting of the adhesive by loss of its water content, at least one surface (substrate or tile backing) must be absorbent.
- ▶ Where the substrate and/or tile have low absorbency, leave grouting until the adhesive bed is completely dry. On dense surfaces, long drying times must be taken into account.
- ▶ In areas exposed to water-spray, underwater areas and permanently wet areas, those heavily exposed to chemical attack and outdoor areas, use codex products in accordance with the current Product Guide.
- ▶ The following standards are applicable and especially recommended:
 - DIN 18 352 "Working with large and small format tiling"
 - DIN 18 157 "Ceramic tile installation using the thin-bed method"
 - ZDB publications:
 - "Bonded damp-proofing"
 - "Interface co-ordination"
 - BEB publications:
 - "Assessment and preparation of substrates"

Protection of the Workplace and the Environment:

Solvent-free. Non-flammable. 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 ecologically and physiologically harmless.

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.