

Tiling Adhesive

UZIN FLIESUPAST Plus

Ready to use, waterproof, highly flexible dispersion adhesive for interior ceramic wall tiles

Description:

Dispersion adhesive for fixing fine and coarse ceramic tiling, stoneware, mosaics and glass mosaics using the thin-bed method on walls in interior locations.

Especially suitable:

- ▶ For areas with heavy exposure to damp and water-spray (e.g. in commercial kitchens, toilets, bathrooms, showers, leisure- and hobby- areas)
- ▶ For fixing tiles direct onto existing tiled surfaces
- ▶ For fixing hard foam-board and fibre-board

Suitable for use on concrete, brickwork, breeze-block, plaster, gypsum substrates, plasterboard, gypsum fibre-board and wall-boards.

Easy and clean to handle and, therefore, of special advantage in refurbishment work, e.g. in renovation of old property.



Product Properties / Benefits:

Ready to use, waterproof, highly flexible dispersion adhesive with a fine paste consistency. Due to its waterproof property, can also be used in areas with heavy exposure to moisture. Dries by evaporation.

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

- ▶ Up to 5 mm adhesive bed thickness
- ▶ Smooth and easy to apply
- ▶ Slump-free even with large format tiles
- ▶ Highly flexible
- ▶ High adhesive strength
- ▶ Waterproof for heavy exposure areas
- ▶ Solvent-free

Technical Data:

Packaging	plastic drum
Packsize:	8 and 16 kg
Shelf life:	min. 12 months
Colour:	off-white
Specific weight:	1.7 kg / litre
Consumption:	1.4 – 3.6 kg / m ²
Working temperature:	5 °C to 35 °C / 41 °F to 95 °F
Working time:	approx. 25 minutes*
Set for grouting:	after 1 – 2 days*
Load bearing:	after 2 – 3 days*

*Under normal conditions at 20 °C / 68 °F.

Subfloor Preparation:

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

Smooth uneven surfaces with UZIN NC 350 or UZIN NC 365. Prime highly absorbent or chalky surfaces, and gypsum-based surfaces, with UZIN Fliesengrund diluted (1:1).

Allow primer and smoothing compound to dry completely (scratch test). Refer to the Product Data Sheets for the products used.

Tile-on-tile installation:

Thoroughly clean the existing tiles with UZIN RG 194. Then apply a thin, overall bonding coat and allow to dry (approx. 45 minutes*). Onto this, fix the tiles as described.

Application:

1. Apply a thin, overall bonding coat onto the substrate with a smoothing trowel.
2. Onto the bonding coat, whilst still fresh, apply a smooth adhesive coat of adequate thickness and then evenly "comb" through with a notched trowel. Only apply as much adhesive as can be tiled within 25 minutes.
3. Push the tiles into the adhesive bed with a light twisting motion and then press firmly into place.
4. Clean tools and contaminated tiling, whilst the adhesive is still fresh, with water. Freshly laid tiling can be grouted after 1 – 2 days*.

Consumption:

Square Notch	Consumption	Coverage per 16 kg drum
3 mm (C3)	1.4 kg / m ²	11.4 m ²
4 mm (C1)	1.6 kg / m ²	10.0 m ²
6 mm (C2)	2.4 kg / m ²	6.6 m ²
8 mm (C4)	3.6 kg / m ²	4.4 m ²

Important Notes:

- ▶ Shelf life minimum 12 months when stored in relatively cool conditions. Protect from frost. Carefully and tightly seal opened packaging and use the contents as quickly as possible.
- ▶ Optimum conditions are 18 – 25 °C/64 °F – 77 °F, relative humidity < 75%. Do not use at < 5 °C and > 35 °C/< 41 °F and > 95 °F. Low temperatures and high humidity lengthen, whilst high temperatures and low humidity shorten the working-, setting- and drying- times.
- ▶ As the cure of the adhesive is by water evaporation, at least one surface (substrate or tile backing) must be absorbent.
- ▶ Where the substrate and the tiling have low absorbency, ensure the adhesive is fully dry before grouting. For dense surfaces, longer drying times must be allowed.
- ▶ In areas that are under water or permanently wet, areas with high exposure to chemicals and exterior areas, select UZIN products by reference to the current Product Guide.

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

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 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.