

UZIN FLIESURIT

Thin-bed mortar for ceramic wall and floor coverings

Applications:

Low-slump, hydraulically setting, flexible thin-bed mortar according to DIN EN12004 C2 TE for the installation of ceramic wall and floor covering. With FLIESURIT small undulations in the substrate can also be compensated up to 5 mm thickness. For interior and exterior use.

Suitable for/on:

- ▶ For fine and coarse ceramic tiles and slabs
- ▶ For domestic ceramics, glazed vitrified tile, clinkers
- ▶ For stoneware in interior areas compound-suitable insulation and light building boards
- ▶ Gypsum carton
- ▶ Tile backing elements
- ▶ Cement, lime cement and gypsum plaster
- ▶ Walls from brick, concrete blocks, gas concrete, lime sand brick
- ▶ Site-mixed concrete, prefab concrete elements (at least 6 months old)
- ▶ Calcium sulphate and cementitious screeds
- ▶ Hot water underfloor heating
- ▶ Floor temperature control with electric heating conductors for panel heating

Product Properties /Benefits:

Plastic-improved, hydraulically setting dry working mortar. When mixed with water produces a fine-grain, pliable and low-slump installation mortar with good processing properties.

Ingredients: Portland cement, mineral aggregates, polyvinyl acetate copolymers and floating agents.

- ▶ Low-slump, for the application of wall coverings
- ▶ Universal use
- ▶ Up to 5 mm mortar bed thickness
- ▶ Extended working time

Technical Data:

Packaging:	Paper sack
Sizes:	5 kg , 25kg
Storage:	minimum 6 months
Colors:	White
Mixing water:	8 - 8.5 lt per 25 kg sack 0.32 - 0.34 lt per kg
Laying time:	approx. 5 hours*
Working temperatures:	+5 to +25 °C
Working time:	approx. 5 hours*
Ready for foot traffic/jointing after:	3 days*
Final strength after:	28 days*

* At 23 °C and 50% relative humidity.

Substrate preparation:

The substrate must be sound, dry, flat, free of cracks, clean, load-bearing and free of materials that could impair adhesion strength.

Test the substrate in accordance with applicable standards or bulletins and report any deficiencies. Mechanically prepare smooth concrete surfaces, adhesion-reducing or weak layers and clean dust-free, if necessary.

Prepare substrate according to type and properties with suitable primers and levelling compounds from the codex range of products. Prime gypsum-based substrates.

Flows creeds must be ground, vacuumed and primed. Allow primers to always dry completely.

Heated screeds must be treated according to "Interface coordination for heated floor constructions" (heat drying, heating to accelerate readiness for covering). Refer to the product data sheets for other codex products used.

Application:

1. Provide approx. 8 - 8.5 lts cold clean water, pour in content of sack (25 kg) while stirring vigorously and mix to a smooth, lump-free mortar. Mix well again briefly after a short maturing time.
2. Apply a thin, continuous contact layer with the smoothing trowel to the substrate.
3. Uniformly brush on mortar wet-to-wet immediately with the grooved trowel onto the contact layer. Brush only as much area as can be covered within the open time (finger test).
4. Slide tiles with slight rotating movement into the adhesive bed and press down.
5. Clean tools and soiled ceramics with water while fresh. The desired largely full-surface bed is achieved by choosing the suitable tooth profile and application technique (e.g. buttering/floating).

Consumption Data:

Trowel Notch	Consumption	Coverage per 25 kg sack
C2, 6 mm	1,7kg/m ²	14,7m ²
C4, 8 mm	2.5kg/m ²	10.0m ²
C5, 10 mm	3.0kg/m ²	3.0m ²

Important notes:

- ▶ Shelf life at least 12 months in original packaging when stored in dry conditions. Carefully and tightly re-seal opened packaging and use the contents as quickly as possible.
- ▶ Use codex products according to the current product overview for areas with increased exposure to chemicals and acids as well as on wood or chipboard panels, metal and plastics or solicit application consulting.
- ▶ Floor temperature control through radiator connection lines returns must be equipped with a temperature limiter (< 38°C).
- ▶ Optimum processing at 15 – 25°C, relative humidity 75%. Cold and high humidity will delay whilst heat and low humidity will accelerate the working, setting and drying time.
- ▶ Protect newly installed areas from drafts, direct sunlight and heat as well as wetness.
- ▶ Drying and strength development depend on the weather conditions. Weather cycles ensuring sufficient setting and drying of the coverings must be taken into account with exterior use; appropriate protective measures must otherwise be taken.
- ▶ Joint floor covering only after sufficient setting and drying of the installation mortar. Avoid foot traffic too early.

Protection of the workplace and the environment:

Contains cement, low chromate content as per directive 2003/53/EC, GISCODE ZP 1. Cement has a strong alkaline reaction with moisture, therefore avoid contact with skin and eyes. In the event of contact, rinse immediately with water. In the event of skin and eye irritation consult a doctor. Wear protective gloves. Wear protective dust mask when mixing. Physiologically and ecologically safe when cured and dry. **Information for persons with allergies is available at +30 210 7793777 (Greece).**

Disposal:

Collect and reuse product residues wherever possible. Do not dispose of into the sewer system, open water or the soil. Paper sacks can be recycled when emptied and free from any residues [Interseroh]. Collect product residues, mix with water, allow hardening and disposing of as construction waste.