

wedi 360 | Flexible middle-bed mortar, quick

- Quick drying
- For walls and floors
- Indoor and outdoor use



General product description

Highly polymer-modified, hydraulic and quick-drying middle bed mortar for walls and floors, mortar bed thickness of 5 – 20 mm, for indoor and outdoor use, waterproof and frost-proof. Tested as C2 FT under DIN EN 12004.

Applications

wedi 360 is a highly plasticised and quick-drying middle bed mortar based on a hydraulic binding agent, for laying floor coverings and applying wall coverings with glazed terracotta tiles, half tiles, unglazed terracotta tiles and artificial stone with varying material thicknesses, earthenware slabs (large format), stoneware on uneven surfaces as well as wedi building elements (rigid foam elements laminated on both sides with cement). Recommended for applying wedi building elements using the dot & dab method.

Spots of wedi 360 can be applied to level out differences in tile thickness of natural stone coverings or any unevenness in the surface. wedi 360 is also suitable for dot & dab fitting (with dowels) of wedi building elements to the wall on uneven but load-bearing surfaces that do not permit two-dimensional bonding. Layer thickness of lumps of mortar maximum 20 mm. More processing notes on this method can be found in the application guidelines for the wedi building elements.

Product properties

wedi 360 is a highly polymer-modified, quick-drying middle bed mortar based on a hydraulic binding agent, for laying or applying wall and floor coverings in mortar bed thicknesses between 5 and 20 mm. Suitable for use with underfloor heating and for use both indoors and outdoors (waterproof and frost-proof). wedi 360 fulfils the C2 FT criteria under DIN EN 12004.

Surface requirements

All surfaces must be solid, load-bearing, even and non-deformable. They must be free of dust, dirt, loose objects and separating agents such as oil, grease, wax, varnish and paint. All absorbent, mineral surfaces (powdery cement plasters, gypsum plasters, anhydrite screeds etc.) must be primed with primer. Any sinter layers must be removed first. Comply with DIN 18560.

Smooth, non-absorbent surfaces (e.g. old tiles) and old paint, carpet adhesive etc. that cannot be removed must be primed with adhesive and contact primer.

The current ZDB information sheets on floor coverings on heated floor structures must be observed when bonding to screeds with underfloor heating.

If in doubt, test in an inconspicuous corner!

The residual moisture content must not exceed the following values:

Cement screeds:	2,0 %
Calcium sulphate screeds:	0,5 %
Heated calcium sulphate screeds:	0,3 %
Gypsum based plasters:	1,0 %
(measurement with CM instrument)	

Magnesite-based screeds must be primed using epoxy resin primer.

Processing

Add 25 kg of powder to approx. 5,5 litres of cool water in a clean container and mix vigorously and evenly (spiral mixer) until a smooth, lump-free mortar is formed. Allow the mixture to mature for at least 3 minutes. Then stir it again. At a normal temperature the processing time is approx. 50 minutes.

First apply wedi 360 with a smoothing spatula to form a contact layer on the surface and spread it evenly using a smoothing trowel. Then use a grooved middle bed trowel to apply/comb on more mortar to ensure full-surface bonding of the covering. The quantity of mortar applied and the area to be laid must be adapted to the absorbency of the surface and the air temperature. The open time before a skin forms is approx. 15 min.

Under no circumstances must the mortar bed be allowed to form a skin (test with your finger). Depending on the absorbency of the tiles, they can be realigned for up to approx. 10 minutes (realignment time).

Hard enough to walk on and grout after not less than approx. 5 hours.

Note for subsequent work

wedi 360 must not be processed at air and surface temperatures of less than +5 °C or more than +30 °C.

N.B. non-absorbent surfaces and low-absorbency natural stone coverings or tiles will extend the bonding time of the adhesive.

The adhesive bed must be allowed to dry out properly by taking appropriate measures to protect it from the weather or by allowing sufficient drying time before grouting in order to guarantee permanent adhesion of the adhesive bed in damp areas outdoors and indoors.

Technical values

Mixing ratio:

approx. 5,5 litres of water to 25 kg of powder

Processing time:

approx. 50 minutes

Tile application time (open time): approx. 15 minutes (depending on absorbency and temperature)

Realignment time: up to approx. 10 minutes (depending on absorbency and temperature)

Hard enough to walk on/grout after approx. 5 hours.

Fully load-bearing after approx. 2 days.

Suitable for underfloor heating

Processing (air) temperature:

min. + 5 °C, max. + 30 °C

Consumption

10 mm groove: approx. 3,5 kg/m²

15 mm groove: approx. 6,9 kg/m²

20 mm groove: approx. 8,5 kg/m²

25 mm groove: approx. 9,7 kg/m²

Packing

25 kg paper sack

Storage

Store in a dry place, can be stored for 6 months in the original packaging.

Safety notice



Irritant

R 38 Irritating to skin, R 41 Risk of serious damage to eyes, S 2 Keep out of the reach of children, S 22 Do not breathe dust, S 24 Avoid contact with skin, S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S 36 Wear suitable protective clothing, S 37 Wear suitable gloves. Low chromate content in accordance with TRGS 613. GISCODE ZP1