



D+ DEXURA

TWO COMPONENT FLEXIBLE ADHESIVE



DESCRIPTION

D+ DEXURA ADHESIVE is a two component highly flexible hybrid polyurethane base on high performance, multipurpose, flexible, thin set adhesive. Use on ceramic, tile, stone adhesive for laying ceramic coverings and natural stones on difficult and also vibrating substrates like metal, PVC, dry wall, rubber sheet, wooden and boards coated with plastic materials. It is a solvent less system which makes it ecofriendly. For interior and exterior use.

AREAS OF APPLICATION

- Ceramic coverings
- Fully vitrified tiles
- Stoneware tiles
- Split clinker flags and floor quarry
- Clinker one-quarter bricks
- Glass and porcelain mosaic
- Ceramic tiles on substrates, where Stress can occur
- Natural and artificial stones, sensitive to discoloration and deformable
- As waterproofing membrane in normal loaded wet areas

FEATURES & BENEFITS

- Good workability
- Water-proof
- Long open time
- High tensile, compression and shear strength
- Safe application and multi-purpose use
- Hardening without shrinkage
- Excellent durability and resistant to ageing
- High deformability
- Hard elastic
- Contains no plasticizer

SUITABLE SUBSTRATES

- | | |
|----------------------------------|--|
| • Concrete* | • Steel and other metals (free of rust and grease) |
| • PVC | • Cement mortar beds* |
| • Plywood | • Gypsum wall board |
| • Calcium silicate board | • Bison panel board |
| • Concrete masonry | • Cement plaster* |
| • AAC Block masonry* | • Cement terrazzo* |
| • Existing ceramic tile | • Plastic laminated boards |
| • Other resilient tile and stone | • Wooden-cement-boards |

*All cement based surfaces should have been cured as per standard practices and shall be dry for tiling

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MIXING AND APPLYING

D+ DEXURA ADHESIVE is supplied in ready-to-mix buckets:

- Component A: 3.650 KG
- Component B: 0.350 KG
- The ratio of the resin (component A) and the hardener (component B) is fixed and any modification could cause incorrect hardening of the product.
- Pour the hardener (component B) into component A and mix well until a uniform paste is obtained. It is advisable to use a low speed electric stirrer to ensure perfect mixing and avoid overheating the mix, which would reduce the working time. Use the mix within 30-40 minutes of mixing.
- The adhesive is applied with a smoothing tool and combed with a suitable notched trowel. Place tiles firmly in position with a slight twisting motion to ensure sufficient wetting. Remove adhesive coming up through the grouts during gluing immediately.
- While working with D+ DEXURA ADHESIVE the material may not get in contact with water. Pay attention that ceramic is dry. Alkaline moisture impacts the strength of the adhesive and therefore should be excepted.
- When both waterproofing and bonding are required, procedures may be followed: Spread the D+ DEXURA ADHESIVE on the substrate with a flat trowel to a thickness of at least 2 mm; then rework the surface with a notched trowel so as to line it all over, but without reducing the thickness to less than 1 mm. This thickness must be maintained even after the tiles have been installed, especially when the tile backs have high lugs or ribs; for the laying of tiles over tiles on walls, we recommend to apply a scratch coat.

TECHNICAL DATA

Property	Test Condition
Pot life	Approx 60 minutes at +25 °C
Open time	approx. 50 minutes at +25 °C
Application temperature range	10°C to 45°C
Ready for foot traffic	after approx. 24 hours
Ready for grouting	after approx. 24 hours
Loadable	after approx. 72 hours
Temperature resistance	completely cured -40 °C to +100 °C
Density	1.65 ± 0.1 Kg/l mixed material

Conditions during application:

1. The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate.
2. Good ventilation is usually required in confined areas to ensure proper drying.
3. The moisture content in the substrate should not exceed 4 % (by weight).

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The following restrictions must be observed:

1. Only apply the D+ DEXURA ADHESIVE when the substrate temperature is at least 10°C above the dew point
2. Do not apply the D+ DEXURA ADHESIVE if the substrate is wet or likely to become wet
3. Do not apply the D+ DEXURA ADHESIVE if the weather is clearly deteriorating or unfavorable for application or curing.

GROUTING

- Joints between the tiles can be grouted after 24 hours with the appropriate D+ cementitious or epoxy grouts, available in a variety of different colors.

PACKAGING

- 4 Kg

CAUTION

- This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the system correctly and according to company's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible company representative for approval before commencing the work.

SELF LIFE

- 12 months for sealed pack when stored under cover, out of direct sunlight, condition and protect from extremes of temperature.

SAFETY & PRECAUTIONS

1. Store the container with the lid tightly closed in an upright position, in a cool, dry place.
2. Keep out of reach of children and away from eatables.
3. May be harmful if swallowed. In case of ingestion seek immediate medical attention.
4. Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and if required seek medical advice.
5. For more details please refer the relevant Material Safety Data Sheet, available on request.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control. Revised : 01ST April 2025

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