

# Technical Data Sheet

## Fortax® 6400

One-component adhesive sealant according to DIN 4108-11

Fortax 6400

Adhesive sealants

Fortax® 6400 is an one-component adhesive sealant for permanent connections of vapor control layers to constructions according to DIN 4108-11.

### Product description

#### Raw material base

One-component adhesive sealant based on a polymer dispersion

- Paste-like elastic consistency
- Permanently elastic
- Permanently self-adhesive
- Strong initial tack
- High early strength
- Extremely high ageing resistance
- No embrittlement

#### Colour

- Light blue

### Applications

- One-component adhesive sealant for permanent connections of vapor control layers to constructions according to DIN 4108-7, EnEV, SIA 180 and ÖNORM B8110-2.
- FORTAX® 6400 is a system component of the Gerband *rooftite*® system and can be used in the contact adhesive process.
- Of course, FORTAX® 6400 can also be used (in addition to the Gerband *rooftite*® system) for permanent bonding applications and connections for all standard vapor barriers and air-tightness-layers. Please note the general suitability of the substrates according to DIN 4108-7.
- Bonding of vapor barriers based on e.g. PE, PA, PET.
- Bonding on wood and derived timber products (e.g. MDF, OSB).
- Bonding on mineral substrates such as plaster (e.g. cement plaster, lime cement plaster), concrete, masonry (e.g. brick, sand-lime brick).

### Technical data

Ecology	no environmental or indoor toxins, solvent-free
Disposal	safely as domestic waste



### Application notes

- Apply at temperatures from +5 °C to +40 °C (substrate to -10 °C)
  - Store in dry rooms protected from light, Fortax 6400® is not sensitive to frost
  - Storage maximum 12 months in unopened cartridge / sausage
  - Drying time: 48 h (at 23 °C and 50 % rel. humidity, strand thickness 8 mm)
- Preparation of the underground:**
- Apply the vapor control layer free of tension and creases up to the jointing area of solid surface. Fix mechanically.
  - The surface to which the adhesive sealant Gerband FORTAX® 6400 is being applied shall be solid, clean, and dry. Substances such as dust, grease, oil, tar, bitumen, Tensides, and silicones must be removed.
  - Absorbing and dusty surfaces shall be pre-treated with Gerband Primer 6300.
  - For small areas a primer can be prepared on site by mixing 3 parts of Fortax 6400 with 1 part of water.

#### Preparation of the connections:

- Apply Gerband FORTAX® 6400 with an approx. 8 mm thick adhesive bead onto the solid surface of the construction element. Let it dry for a short period until a tacky surface is present. Level uneven surfaces with additional adhesive sealant.
- Apply the vapor control layer with little pressure onto the “wet” adhesive bead. Make a stress-relief loop to prevent mechanical tension according to the DIN 4108-7 so that a 3-4 mm thick adhesive seal layer is maintained. Strong pressure is necessary in case of dry application (up to 24 h after application of the adhesive bead).
- Check joints afterwards according to DIN 4108-7 Abs. 7.2.1

### Packaging unit

- 12 cartridges à 310 ml / carton  
Sufficient to 6 running meters / cartridge
- 12 sausages à 600 ml / carton  
Sufficient to 12 running meters / sausage

Further technical data about Fortax® 6400 available upon request.

Subject to change without notice in line with product advancements.

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