



Technical Data Sheet

Fortax® 6400

One-component adhesive sealant according to DIN 4108-11

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



✓ DIN 4108-11

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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Gerband® adhesive tapes are used by a very diverse customer base for a wide range of technical and industrial applications. The demands made on Gerband® products vary considerably from application to application. We strongly advise users to test the product's suitability for their own particular requirement. All data and recommendations contained in this Technical Data Sheet are based on our own test results and practical experience and are aimed at helping customers select the appropriate tape for a given application. This information is provided without liability. We reserve the right to change the technical specification without prior notice. Samples are available free of charge. Our sales team is also available to assist customers with their tape.