

PRO-533

TANKING MEMBRANE

PRODUCT DATA SHEET

Tanking Membrane is a one-component, ready-to-use sealing compound based on acrylic resin dispersion. It forms a seamless, flexible and durable waterproof coating, ideal for bathrooms, walk-in showers, wet rooms, basements and other moisture-prone areas.

Suitable for substrates such as concrete, cement-lime plaster, gypsum plaster, screeds (including underfloor heating) and plasterboards. For best results, we recommend priming the surface with Water Based Substrate Primer (EWI-301) before application.

Properties

- Provides complete water-tightness
- Excellent adhesion to various substrates
- High elasticity and flexibility
- Crack-bridging capability
- Single-component, ready to use
- Easy to apply and process
- Suitable for wet rooms and damp areas
- Resistant to frost and temperature variations
- Seamless, durable waterproofing layer



Technical Specification

Composition

Water dispersion of acrylic polymer, Mineral fillers, Additives

Consumption

approx. 1.4 kg/m²/mm

Colour

Blue

Walk-on time

After 18 hours

Ready for floor covering

After 18 hours

Adhesion to concrete

≥ 0.5 MPa

Waterproofing performance

≥ 0.5 N/mm²

Please note: These figures may vary based on the substrate and application method.

Directions for use

Substrate Preparation

All substrates must be load-bearing, stable, even, and free from dust, grease, and loose particles. Any biological growth (e.g. mould, algae) must be removed. Corners, pipe penetrations, and joints should be reinforced with sealing tapes or flanges between layers of the coating.

- **Cement-lime plaster:** With high absorbency, prime with EWI-301 Water Based Primer.
- **Concrete / reinforced concrete:** Apply directly.
- **Gypsum plaster / plasterboards:** Prime with EWI-301 Water Based Primer.
- **Cement screed:** With high absorbency, prime with EWI-301 Water Based Primer.
- **Anhydrite screed:** Prime with EWI-301 Water Based Primer.

Product Preparation

The product is supplied ready-to-use and must not be diluted with water or mixed with other materials. Mix thoroughly before application to ensure consistency.

Application

Apply the coating with a brush or roller in at least two uniform layers, allowing a minimum drying interval of 3 hours between coats. Application should take place at temperatures between +5 °C and +25 °C (air, substrate, and product). On substrates with expansion gaps, use insulation tape between layers. Elastic and deformable tile adhesives must be used when fixing tiles onto the cured membrane. Further construction work should only be carried out 18–24 hours after the waterproofing layer has been applied.

Clean-up

Tools and equipment should be cleaned immediately after use with clean water. Once cured, the material can only be removed mechanically.

Storage

Store in original, sealed containers for up to 12 months from the date of production. Keep between +5 °C and +25 °C, protected from frost, direct sunlight, and sources of heat.

Packaging

4kg & 7kg Buckets

Safety Measures

Wear protective goggles, gloves, respiratory equipment and protective clothing when mixing and using this product. Avoid contact with the eyes. In the event of eye contact, wash the affected area with plenty of cold water as soon as possible and seek medical attention. Do not ingest. Keep out of reach of children. Refer to material safety sheet for further information regarding first aid and protection recommendations. Contact with wet cement may cause irritation, dermatitis or burns. For further details, refer to our Health & Safety Data Sheets.

Application Conditions

Substrate Primer

EWI-301 Water Based Substrate Primer

Application and setting temperature

5°C to 25°C

Minimum Layer Thickness

0.5 mm

Maximum Layer Thickness

3 mm

Drying Time

c.a. 3 hours (at +20 °C)