

PRO-536

TANKING SLURRY DUO

PRODUCT DATA SHEET

PRO-536 Tanking Slurry Duo is a two-component polymer-cement waterproofing mortar designed to create flexible, watertight sealing coats. It provides high resistance to water, including water under pressure, and offers excellent elasticity for bridging scratches and cracks up to 0.75mm. Once cured, it helps protect concrete and reinforcement against corrosion caused by sulphates, chlorides and free carbon dioxide.

Intended Uses

PRO-536 Tanking Slurry Duo is suitable for waterproofing terraces, balconies, bathrooms, kitchens, basements, foundations, retaining walls, concrete elements in contact with groundwater, water basins and swimming pools. It can be applied to suitable substrates including concrete, cement-lime plaster, gypsum substrates and screeds, including those incorporating underfloor heating systems.



Technical Specification

Composition

Polymer dispersion, Portland cement, quartz sand, mineral fillers, modifying additives.

Colour

Grey

Quantity per Unit

16kg set (3 × 4kg dry component bags and 1 × 4kg liquid component)

Consumption

Approx. 1.5kg/m²/mm

Drying Time

Approx. 5 hours

Working Time

Approx. 60 minutes

Walk-On Time

Approx. 24 hours

Ready for Tiling

Approx. 3 days

Coating Thickness

2-4mm

Application Temperature

+5°C to +25°C

Tensile Adhesion

≥0.5MPa, including after exposure to water and freeze-thaw cycles

Temperature Resistance

-30°C to +60°C

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

Please see the reverse of this page for directions for use.

Directions for use

Substrate Preparation

Substrates must be load-bearing, stable, clean and free from dust, grease, loose material and contaminants that may impair adhesion. Cracks wider than 0.75mm should be repaired prior to application using a suitable repair mortar.

Concrete substrates must be at least 3 months old, while cement and cement-lime plasters and cement screeds must be at least 4 weeks old. Highly absorbent or dusty substrates should be primed appropriately before application. Particular attention should be paid to corners, edges and wall-to-floor junctions, which should be reinforced with suitable sealing tapes and corners or formed with a minimum 3cm radius.

Product Preparation

PRO-536 Tanking Slurry Duo is supplied as a two-component system. Pour the liquid component into a clean mixing vessel and gradually add the powder component while mixing with a slow-speed drill and paddle mixer until a smooth, homogeneous and lump-free consistency is achieved.

Allow the material to stand for 5-10 minutes before remixing. Do not add additional water or other materials. Use the mixed product within approximately 60 minutes.

Application

Apply the prepared mortar using a brush, roller or steel float. The material should be applied in multiple coats depending on the level of waterproofing required.

The second coat should only be applied once the first coat has gained sufficient strength to allow further work, typically after 4-5 hours. Individual coats should not exceed 2mm thickness.

Recommended system thicknesses are:

- Light waterproofing: 2.0mm (approx. 3.0kg/m²)
- Medium waterproofing: 2.5mm (approx. 3.7kg/m²)
- Heavy waterproofing: 3.0mm (approx. 4.5kg/m²)

Ceramic tiles may be applied after approximately 3 days using a suitable flexible tile adhesive.

Application Conditions

Application should be carried out when the air, substrate and product temperatures are between +5°C and +25°C. Protect the coating from rain, frost, strong winds and direct sunlight during application and curing.

Clean-up

Clean tools and equipment with water immediately after use. Once hardened, the material can only be removed mechanically.

Packaging & Storage

PRO-536 Tanking Slurry Duo is available in two-component sets.

Store in sealed, original packaging between +5°C and +25°C. Protect from direct sunlight, moisture, heat sources and frost. Shelf life is up to 12 months from the production date when stored correctly.

Compliance with Standards

N/A

Safety Measures

Wear suitable PPE including gloves, eye protection and protective clothing. Avoid contact with skin and eyes.

In case of eye contact, rinse immediately with plenty of clean water and seek medical advice if irritation persists. Refer to the latest Safety Data Sheet for full handling, storage and disposal information.

General Information

This data sheet replaces all previous editions. The information provided is based on current knowledge and practical experience, and while it has been compiled with care, it is not guaranteed to be accurate, complete or suitable for all applications. It is the responsibility of the user to verify the product's suitability for their specific use case. No legal obligations are established by this document.

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