

TECHNICAL DATA SHEET

EURO-PRUF 503

Cementitious Waterproofing Slurry

DESCRIPTION

EURO-PRUF 503 is an economical two-part emulsion-modified cementitious waterproofing system. The two components will react chemically on mixing to form a hard waterproof coating, which will bond firmly onto the substrate on application.

FEATURES

- Excellent waterproofing
- Superior bonding
- Can apply onto wet substrates
- Excellent durability
- Non-flammable
- Anti-carbonation protection

USES

Can be applied on various substrates such as sand/cement screed, concrete bases, asphalt, granolithic, ceramic quarry tiles, epoxy / polyurethane coating and others. Areas of application include interior and exterior surfaces of walls and floors, terraces, balconies, bathrooms, kitchens and wet areas.

TECHNICAL INFORMATION

Working Time	: 30 minutes @ 30°C
Set to touch time (ASTMD1640:83)	: 4-8 hours @ 30°C
Adhesion to concrete (ASTMD4541-93)	: > 1.0 N / mm ²
Compressive Strength (ASTM C109:95)	: >25 N / mm ²
Flexural Strength (ASTM C348:1995)	: >15 N / mm ²
Water Penetration (DIN 1048:pt5:91)	: No water penetration @ : 0.2kgf / cm ² for 6 hours

SURFACE PREPARATION AND PRIMING

Surface to be waterproofed must be sound, clean – free of dirt, dust, grease, oil, wax, curing compounds and other contaminants. All cracks voids, chipped edges, uneven surfaces and holes are to be repaired with Euro-Rapid Repair. Fresh concrete must be cured for at least 14 days prior to application.

Wet the prepared substrate with clean water before applying **Euro-Pruf 503**. Care should be taken to ensure that there are no water ponding areas. Where appropriate, especially for low absorbent surfaces, use Euro-Primer P1 for priming. DO NOT DILUTE Euro-Primer P1. Apply by brush or roller at the rate of 0.15 – 0.2 kg per sq meter depending on substrate porosity. Allow it to dry prior to further application, usually about 2 hours depending on climate conditions.

MIXING

Use in the proportion of 5 kgs of **Euro-Pruf 503** Part A with 20 kgs of Part B. Put Part A into a suitable sized clean container. Add Part B gradually while mixing until a homogenous and lump-free slurry is obtained. Use hand-frill for better dispersion of the components. DO NOT ADD water or any other ingredients.

APPLICATION

Apply by brush, roller or trowel. Minimum 2 coats should be applied. Coverage should be 1.0 kg/m² per coat. Allow first coat to touch dry before applying second coat, usually about 1-3 hours apart depending on substrate porosity and climate condition. If second coat is applied more than 24 hours after the first coat, or the first coat is completely dried out, the surface must be pre-wet with water prior to application. Allow the last coat of **Euro-Pruf 503** to cure completely before proceeding with finishing works. For extremely high water absorbent surfaces, 3 coats are recommended for better protection.

Euro-Pruf 503 can be reinforced by using Euro-Fabric. Apply first coat at the rate of 1.5kg per sq meter. Immediately put Euro-Fabric onto the first coat and apply second coat, lightly press Euro-Fabric into the first layer using roller. Apply third coat if further built-up is required.

TOOLS

Use brush, roller or trowel. Wash with water immediately after use.

SHELF LIFE

When store in cool and dry place, sealed in unopened container, shelf life for **Euro-Pruf 503** should be as follows: -

Part A: 2 years

Part B: 6 months

PACKING

Part A: 5 kgs pail

Part B: 20 kgs bag

Information given under this brochure is to the best of our knowledge, true and accurate. However, as the product is often used under conditions beyond our control, we cannot assume any liability relating to coverage and performance arising from the usage except guarantee to the product itself.