

TECHNICAL DATA SHEET

EURO-PRUF 507

One Component Cementitious Waterproofing Slurry

DESCRIPTION

EURO-PRUF 507 is a single component acrylic polymer modified cementitious waterproofing system. When applied on the mineral substrate, it will form a tough waterproof coating film to prevent water ingress.

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, 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 (ASTM D1640:83)	: 5-8 hours @ 30°C
Adhesion to concrete (ASTM D4541-93)	: > 0.8N / mm ²
Compressive Strength (ASTM C109:95)	: 33 N / mm ²
Flexural Strength (ASTM C348:1995)	: 20N / 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 507**. 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

Mix **Euro-Pruf 507** with clean water in the recommended ration. Put the measured water into a suitable sized, clean container. Add in the powder gradually while mixing until a homogenous and lump-free slurry is obtained. 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 5 - 8 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. For extremely high water absorbent surfaces, 3 coats are recommended for better protection. Allow the last coat of **Euro-Pruf 507** to cure completely before proceeding with finishing works.

COVERAGE

1.0 kg/m²/coat

*Minimum 2 coats should be applied.

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 507** should be as follows: -

Part A – 6 months

PACKING

25kg 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.