

# SEAL COAT SF

## POLYMER-MODIFIED WATERPROOFING COATING

### DESCRIPTION

SEAL COAT SF is a waterproof, cement-based, polymer-modified, heavy-duty masonry coating and the base of SEAL COAT SYSTEMS, with specially graded aggregates that ensure ideal waterproofing and high-load and abrasion strength. It ensures strong bonding and mechanical anchoring on properly prepared surfaces.

### APPLICATIONS

SEAL COAT SF is used for waterproofing concrete or cement base mortar surfaces, which are subject to generally small, positive hydrostatic pressures.

### ADVANTAGES

- Easy application (by spray or by brush)
- Pre-measured component for ease of mixing
- Excellent bonding on various surfaces
- Water vapor permeable
- High abrasion and load strength

### DIRECTIONS FOR USE

#### Surface preparation:

Clean surface area of all dirt, oil, paint, coatings, laitance, loose matter, etc. Tie rod and other holes, cracks, spalled areas and other large surface voids should be properly patched. Tie rod ends and other steel must be cut back to a minimum depth of 1" (2.5 cm) before patching. Patch the areas with the appropriate PENETRON<sup>®</sup> repairing mortar. Dampen surface with clean water just prior to product application.

#### Mixing:

SEAL COAT SF is supplied in premeasured units. Slowly add Part B (Powder) 18 kg to Part A (Polymer) 5 kg in a container and mix uniformly by using drill and paddle under slow speed to get a lump free and free flowing consistency. Mixed material should be used within usable work-ing time (30-60 min). Stiffened material should not be reworked by adding water or excess polymer.

#### Application:

Uniformly apply the first coat with a short bristle brush, making sure to fill in all surface pores and voids.

NOTE: For maximum waterproofing performance, apply a second coat, after 12 hours, if the first coat is not damaged.

### CURING

Protect the surface coated with SEAL COAT SF from rain and water until it is dry. Let cure for at least 14 days, before the surface is permanently covered with water.

### COVERAGE

SEAL COAT SF coverage is 1.9 kg/m<sup>2</sup> per 2 coats. A minimum thickness of 1 mm should be applied in 2 coats. Coverage depends on the roughness of the substrate and the waterproofing demands.

### PACKAGING

SEAL COAT SF is supplied as a 23-kg kit.  
Part A (Polymer) - 5 kg  
Part B (Powder) - 18 kg

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## SPECIAL CONSIDERATIONS

- W** DO NOT apply SEAL COAT SYSTEMS at temperatures below 40°F (4°C) or to a frozen substrate. This product is not recommended for use in expansion or construction joints.
- W** DO NOT paint part of a wall at a time. The entire wall or section must be completed using consistent quantity of SEAL COAT, to ensure uniform color.
- W** If the second layer is applied on the same day, it is expected to form bubbles, especially in applications that are exposed to sun.
- W** Always use a freshly mixed batch of SEAL COAT SYSTEMS.

## TECHNICAL PARAMETERS

Checked at lab conditions 25°C (77°F) and 50%RH

Component:

Part A – Liquid polymer and additives

Part B – Composition of Portland cement, aggregates and special additives

Appearance/Color:

Part A – White emulsion liquid

Part B – Grey Powder (White is available on request)

Mixed – Grey

Fresh mortar density:

1.9 kg/L

Working time:

60 minutes

Mixing ratio:

A: B – 1: 3.6 by weight

Pull out adhesion:

$\geq 1.5 \text{ N/mm}^2$  (complies to EN 1504-2)

Water vapour transmission:

Class 1 (complies to EN 1504-2)

Toxicity:

Non-toxic (BS 6920) – Suitable for contact with potable water

VOC content:

Environment friendly (Free volatile organic compound)

## SAFE HANDLING INFORMATION

For further information, please refer to Safety Data Sheet. KEEP OUT OF REACH OF CHILDREN.

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