

SMOOTHER POLYMER MODIFIED SMOOTH CONCRETE REPAIR MORTAR

DESCRIPTION

SMOOTHER is a polymer modified cementitious one part repair mortar thin fairing coat for concrete surface small repairs. It is made from especially selected, very fine fillers and additives to provide superior finishing. And due to good adhesion and filling ability, it makes thin fairing coat before placement of special covering materials.

FIELD OF APPLICATION

- Suitable for thin repair
- Used to repair slight surface defects on concrete and mortar
- Finishing coating for cosmetic leveling surfaces
- Filling small cracks, pores and holes of surfaces
- Used to eliminate small defects due to bubbles, demoulding etc. for floors and walls before placement of special covering materials

ADVANTAGES

- Good adhesion to most common substrates
- Non shrinkage
- Excellent filling ability
- Usability in horizontal & vertical surfaces
- Provides maximum protection against freeze and thaw cycles
- No corrosive effect to reinforcement
- Low dosage
- Easy apply

DOSAGE

The optimum dosage of SMOOTHER to meet specific requirement depending on porosity and rough substrate, the normal dosage range is from 0.7 to 1.0 kg/m² per 0.5 mm thickness of layer.

SUBSTRATE PREPARATION

Substrates should be clean sound and free from oil, grease, laitance and loose particles. Metal surfaces should also be clean and free of rust, oil, grease and contaminants. Thoroughly clean repair area using high pressure water jet to remove all loose debris and contamination.

The concrete should be presaturated for preferably 6 hours with water before application.

MIXING

SMOOTHER is simply mixed with water to yield a stiff easily workable compound with shrinkage compensating properties.

The quantity of water depends on the desired consistency but as a guide, we recommended, the entire contents of the bag should be added to the pre-measured (8.7 liters approximately) water while mixing.

Mix with a paddle mixer or trowel to ensure a homogenous lump free material is achieved. Mix for approx. 3 minutes. Do not try to remix the product after losing workability by the addition of more water.



APPLICATION

Apply SMOOTHER with a trowel or spatula. Press hard by hand. Thicker repairs may be achieved by working in layers. Build up in layers if necessary.

CURING

Keep repaired areas damp, with spraying water at least 24 hours.

PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Powder

Color: Gray

Specific gravity of fresh mortar: ~1.6 g/cm³

Chloride ion: Nil

Pot life: 20 minutes @ +25°C

STORAGE

Shelf life: 1 year in the original package

Storage condition: should be protected from direct sunlight and moisture. Keep bag in the temperature range between +10°C and +30°C.

Packing: 25 kg bag

HEALTH AND SAFETY

This product does not contain any substances hazardous to human health and the environment. However, it should not be swallowed and allowed to be contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water. When applying gloves & goggles should be worn. SMOOTHER is not flammable.

For further information refer to the material safety data sheet.

MSDS is available at ABADGARAN website.

TECHNICAL SERVICE

The ABADGARAN INTERNATIONAL GROUP Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

