



VIMAGRAN OB

Powdering mortar - Industrial floor surface hardener

Properties

- **VIMAGRAN OB** is a premixed dry mortar exclusively intended for the powdering of industrial floors.
It is absorbed by the fresh concrete mass and increases considerably the surface hardness.
- It contains a high-strength Portland cement mix with special grain size quartz aggregates and improving additives.
It creates a closed surface with improved resistance to abrasion and impact.

Applications

VIMAGRAN OB is used for the improvement of the surface mechanical strengths of concrete or cement mortar floors.
More specifically, it is appropriate for industrial and professional production and storing facility floors, parking lots, product transportation and loading facilities, workshops, repair shops etc.

Technical data

Form of material: cementitious dry mortar
Colors: grey, brick red

Effect weight of dry mortar: 1,65 kg/l

How to use

VIMAGRAN OB is applied in cases of industrial floor construction by using rotating power trowel ("helicopter").

1. Sprinkle 2/3 of **VIMAGRAN OB** quantity at the beginning of setting (about 3-4 hours after applying), on the fresh cement mortar or concrete surface.
2. Proceed with smoothing with the trowel and wetting the floor surface, provided that the substrate lacks the water quantities needed in order to absorb the material.
3. Finally, sprinkle the remaining hardener and proceed to the final finish with the power trowel.



CONSTRUCTION CHEMICALS TECHNOLOGIES

4. In case of higher demands on waterproofing and strength, wet the surface with a solution of water and mortar improving emulsion **VIRENOL** or **VIRESIN** in ratio:

1 part by volume **VIRENOL** or **VIRESIN**

1-2 parts by volume water

5. It is advisable that the application temperature exceeds +5°C, otherwise it delays significantly the concrete setting and the overall process of industrial floor construction with the power trowel will be complicated.

Caution!

If an epoxy coating is bound to be applied on the floor after hardening, avoid adding **VIRESIN** in the water. This would cause a reverse effect on the bonding of the epoxy material!

Consumption

About 2 kg/m² for 1 mm thickness.

Overall demand: 4-6 kg per m² of floor.

If you are considering applying an epoxy material, please decrease the powdering quantity to 3-4 kg/m².

Storing

At least 12 months in closed bags in dry environments.

Hygiene Measures-Precautions

VIMAGRAN OB contains cement, therefore it reacts alkaline to water and considered irritant.