



MF - 270 MATIFIN 50 DURIFIN



PACKAGING

25 kg



MIXING RATIO

5.5-6 L / 25kg



CONSUMPTION

1.5 kg/m²

Description

MF-270 MATIFIN 50 DURIFIN is a cement-based finish plaster mortar developed with special additives that is suitable for manual or mechanical application.

Properties

- High bonding strength.
- Creates smooth and firm surface.
- Resistant to freeze-thaw cycle.
- Applicable between thicknesses of 3- 10mm.
- Easy to apply.

Application

- The surface must be free from any contamination which may prevent adhesion. Cementitious substrates must be cured.
- Use MATIART in case of uneven substrates to get a sound and flat surface.
- Before application, the surface must be moistened or primed with MP-809 ACRYPRIME or MP-819 BETOPRIME for better results. MP-819 BETOPRIME must be used certainly on the applications to be made on gross concrete.
- 25 kg MF-270 MATIFIN 50 DURIFIN must be slowly poured onto 5,5 – 6L water and mixed until a homogeneous mixture is obtained. Mixing must be done with low-speed mixer. Any additives not specified in the application instructions must not be added.
- The prepared mortar must be rested for 5-10 minutes for maturation purpose. It must be mixed again for 1-2 minutes before starting application.
- MF-270 MATIFIN 50 DURIFIN must be applied with a steel trowel not to exceed 10 mm in one coat. For applications with thicknesses more than 10 mm, application must be made after at least 1 day.

-The surface must be polished with a damp sponge to give a final surface appearance.

-After application, the surface must be moisturized at regular intervals for 7 days. This period can be shortened for the applications made in summer and extended in winter.

-Expired or encrusted mortar in a container must be disposed. Weather conditions such as high temperature, low humidity, wind may shorten this period.

-After application, hands and applicators must be washed with plenty of water.

Shell Life

12 months when stored in the original sealed packing in dry place.

Storage

Store in dry medium. Do not stack more than 10 bags on top of each other.

TECHNICAL DATA (IN +23°C AND 50% U.R.)

Form	Powder
Colour	Grey/White
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	6-7 litres of water/ 25kg grey powder 6.5-7.5 litres of water/ 25kg white powder
Thickness	3-10mm per layer
Pot Life	4 Hours
Bulk Density of Hardened Mortar (EN 1015-10)	1500 ± 100 kg/m ³
Compressive Strength of Hardened Mortar (EN 1015-11)	≥ 6 N/mm ² CS IV
Bonding Strength – Type of Break (EN 1015-12)	≥ 0.4 N/mm ²
Water Absorption Coefficient due to Capillary Action of Hardened Mortar (EN 1015-18)	≤ 0.40 kg/m ² dk ^{0.5} /W1
Water Vapor Permeability Coefficient	≤ 15μ
Application Temperature	(+5°C) - (+35°C)
Reaction to Fire	A1
Release of Dangerous Substances	See SDS