



PAVI FONDO

Adhesive mortar
for surface preparation
of decorative coatings



konstruktive · **leidenschaft**



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PRODUCT DESCRIPTION

PAVI.FONDO is a skim coating product with high adhesion for various surface types, specific for skim coating and levelling poorly absorbent surfaces. The product is used to level and promote adhesion for subsequent layers of decoration.

PAVI.FONDO is ideal to use as a skim coat on internal and external surfaces in concrete, ceramic mosaic, glass, thick plastic coatings, mineral coatings, phenolic wood, mineral plaster, tiles, blocks or autoclaved concrete panels, plasterboard, etc. It is not suitable to use on gypsum or inconsistent organic coatings, degraded or powdering surfaces, or surfaces treated with water repellent siloxane or greasy surfaces treated with wax or release agents.

COMPOSITION

PAVI.FONDO is a powder made from special hydraulic binders, aggregates selected and gauged in appropriate granulometric curve and specific additives that improve adhesion to substrates and workability.

MIXING AND APPLICATION

PREPARATION OF SURFACES

The surface must be stable, consistent, and free from dust and unstable parts. It must be dry and free from capillary humidity. Wash well and remove any dust, oil, grease etc.

WALL AND FLOOR APPLICATION

Mix a bag of 25 kg of **PAVI.FONDO** with approx. 2.5 litres of clean water and 5.0 litre of **PAVI.LATEX** using an electric drill mixer at low speed until it is smooth and lump free. Leave to rest for about 2'-3' minutes and mix briefly before use. Apply the skim coat **PAVI.FONDO** with a steel trowel, in one or more coats according to the levelling required, applying a thickness of no more than 5.0 mm per hand.

When applying to heterogeneous surfaces and plasterboard, we recommend previously treating with one coat of **MICROGRIP** to uniform absorption.

When applying to tiled surfaces we recommend a gentle surface abrasion with a specific disk to improve mechanical grip, particularly on vitrified surfaces.

When the surface has grooves and cracks, insert within the plaster layer the certified fibreglass alkali-resistant reinforcement mesh **ARMANET 4x4 MAMMUT** taking care to overlay the strips by at least 10.0 cm.

The day following the application of **PAVI.FONDO**, it is recommended that you sand the surface to remove any imperfections.

INDICATIVE AMOUNTS REQUIRED

2.0-3.0 kg per m².

COLOUR

White.

PACKAGING

25 kg bags on disposable 1575 kg pallet (63 bags) protected by waterproof plastic wrap.

STORAGE

12 months in original intact packaging and stored in a dry place.





RECOMMENDATIONS

Do not apply at temperatures below + 5°C or above + 35°C, in the presence of strong wind, rain and under direct sunlight. Do not apply to frozen, dusty, uneven and inconsistent surfaces. Do not apply to surfaces subject to shrinkage or cracks, as the mineral product, by its very nature, not having elastic power, cannot make up for structural movements. Respect any existing structural joints in the floor. Protect the applied product from rapid drying due to strong winds for the first 24 hours after application. Do not apply to frozen surfaces or surfaces that are at risk of freezing within 24 hours after application. Total plaster thickness should never be more than 10.0 mm. Do not apply to surfaces subject to rising damp.

PRODUCT DATA

<i>Appearance</i>	Powder	
<i>Colour</i>	White	
<i>Dry bulk density</i>	~ 1300 kg/m ³	EN 1015-10
<i>Maximum aggregate size</i>	≤ 1.0 mm	

APPLICATION DATA

<i>Water content of mix</i>	30%	
<i>Mixing ratio</i>	1 bag + 5.0 ℓ of PAVI.LATEX + 2.5 ℓ of water	
<i>Minimum application temperature</i>	+ 5°C	
<i>Maximum application temperature</i>	+ 35°C	
<i>Working time</i>	≥ 60' minutes	
<i>Minimum layer thickness</i>	≥ 2 mm	
<i>Maximum layer thickness</i>	≤ 10 mm	
<i>Waiting time between coats</i>	≥ 4-6 hours	
<i>Waiting time before applying decorative finish</i>	≥ 12 hours	

PERFORMANCE DATA

<i>Bulk density of fresh mortar</i>	~ 1800 kg/m ³	EN 1015-6
<i>Bulk density of hardened mortar</i>	~ 1400 kg/m ³	EN 1015-10
<i>Adhesion</i>	≥ 1.00 N/mm ² (FP) B	EN 1015-12
<i>Compressive strength</i>	≥ 9.0 N/mm ² CS IV	EN 1015-11
<i>Flexural strength</i>	≥ 4.5 N/mm ²	EN 1015-11
<i>Capillary water absorption</i>	≤ 0.2 kg/m ² x min ^{0.5} W2	EN 1015-18
<i>Water vapour permeability coefficient</i>	≤ μ 15	EN 1015-19
<i>Thermal conductivity</i>	0.45 W/mK (tab. mean value; P=50%)	EN 1745, A.12
<i>Specific heat capacity</i>	1.0 kJ/kg K	EN 1745, A.12
<i>Reaction to fire</i>	A1 Class	EN 13501-1
<i>Durability</i>	Evaluation based on provisions valid in the intended place of use of the mortar	EN 998-1
<i>Hazardous substances</i>	See MSDS	EN 998-1

ACCORDING TO



EN 998-1

General purpose rendering/plastering mortar (GP) for internal/external use

REMARKS

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.

