



## PAVI.FLOOR Q3

*Special cementitious coating for decorative applications*



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# PAVI.FLOOR Q3

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## PRODUCT DESCRIPTION

**PAVI.FLOOR Q3** is a special cementitious mortar for skim coating and surface finishing ideal for continuous decorative surfaces. The product can be used to finish walls and floors, tanks, shower rooms, terraces etc. or for covering existing tiles. The product has high mechanical resistance and its application gives the treated surfaces a unique and continuous appearance. On request, the product can be available with grain size < 100 µm [FINE].

## COMPOSITION

**PAVI.FLOOR Q3** is a powder product consisting of special hydraulic binders, aggregates selected and gauged in appropriate granulometric curve and specific additives that improve adhesion to substrates and workability.

## SUBSTRATE PREPARATION / PRE-TREATMENT

The surface must be healthy, consistent, and free from dust and unstable parts. It must be dry and free from capillary rising damp. Wash well and remove any dust, oil, grease etc. Before applying **PAVI.FLOOR Q3**, the surface must be prepared by applying one or two coats of **PAVI.FONDO**. The next day apply **PAVI.FONDO** and sand the surfaces coated to eliminate any imperfections.

## MIXING AND APPLICATION

### WALL AND FLOOR APPLICATION

For continuous decorative flooring, mix a 20 kg tub of **PAVI.FLOOR Q3** with approx. 1-1.5 litres of clean water and 5 litre of **PAVI.LATEX**, using an electric mixer drill at low speed until smooth and lump free. Leave the mixture to rest for 2-3 minutes and proceed with application on **PAVI.FONDO** previously applied (12-24 hours before). Apply the finishing coat **PAVI.FLOOR Q3** with a stainless steel trowel, in one or more coats, in an irregular manner in order to avoid joints and to achieve a look of "homogeneous irregularity" (similar to the application of decorative stucco).

The day after applying the first coat of **PAVI.FLOOR Q3** sand the surface to remove any imperfections. Then apply the second coat, with a minimum thickness, and smooth out with a stainless steel trowel until you get the look you want. Before applying the final protective layer, lightly sand again in order to manually delete any minor flaws. Wait at least 48 hours and apply the final layer of protection, chosen according to the intended use, the product function and aesthetic appearance required.

## CLEANING OF TOOLS

Application and mixing tools should be cleaned with water immediately after use. Hardened material must be removed mechanically.

## COVERAGE

1 kg per m<sup>2</sup> per mm of thickness.  
20 m<sup>2</sup> @ 1 mm/tub 20 kg

## COLOUR

White.

## PACKAGING

20 kg tubs on 660 kg pallet (33 tubs) protected by waterproof plastic wrap.

## STORAGE / SHELF LIFE

12 months from date of manufacture.  
Store in unopened original packaging in a dry and frost-free area.

## RECOMMENDATIONS

Do not apply at temperatures below + 8°C or above + 30°C, in the presence of strong wind, rain and under direct sunlight. Temperatures below + 8°C with a high percentage of relative humidity can cause superficial carbonation. Different absorptions, application temperature and surface heterogeneity can affect the result of the coloured mineral finish. The appearance may vary depending on environmental conditions during application. Do not apply to frozen, dusty, uneven and inconsistent surfaces. Always use the same amount of water to avoid chromatic variations. 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.

## PRODUCT DATA

▪ Appearance	Powder	
▪ Colour	White	
▪ Dry bulk density	~ 1200 kg/m <sup>3</sup>	EN 1015-10
▪ Maximum aggregate size	≤ 0.3 mm	
▪ Maximum aggregate size [FINE]	≤ 0,1 mm	

## APPLICATION DATA

▪ Water content of mix	28-32%
▪ Mixing ratio	1 tub + 5 l di PAVI.LATEX + 0,5-1 l of water
▪ Water content of mix [FINE]	38%



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## PERFORMANCE DATA

▪ <i>Mixing ratio [FINE]</i>	1 tub + 5 ℓ di PAVI.LATEX + 1,5 ℓ of water	
▪ <i>Minimum application temperature</i>	+8°C	
▪ <i>Maximum application temperature</i>	+30°C	
▪ <i>Working time on wall</i>	≥ 90' minutes	
▪ <i>Working time on floor</i>	≥ 60' minutes	
▪ <i>Maximum layer thickness</i>	≥ 1 mm	
▪ <i>Waiting time between coats</i>	≥ 4-6 hours	
▪ <i>Waiting time before applying decorative finish</i>	≥ 24 hours	
▪ <i>Bulk density of fresh mortar</i>	~ 1700 kg/m <sup>3</sup>	EN 1015-6
▪ <i>Adhesion</i>	≥ 1 N/mm <sup>2</sup> (FP) B	EN 1015-12
▪ <i>Compressive strength</i>	≥ 25 N/mm <sup>2</sup> CS IV	EN 1015-11
▪ <i>Flexural strength</i>	≥ 6 N/mm <sup>2</sup>	EN 1015-11
▪ <i>Capillary water absorption</i>	< 0.2 kg/m <sup>2</sup> x min <sup>0.5</sup> 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 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	
▪ <i>Hazardous substances</i>	See MSDS	EN 998-1

## ECOLOGY, HEALTH & SAFETY (REACH)

For further information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS), available on [www.vimark.com](http://www.vimark.com), containing physical, ecological, toxicological and other safety related data.

The product complies with the conditions of Annex XVII to Regulation (EC) no. 1907/2006 (REACH), item 47 and subsequent amendments thereto.

### PRODUCT FOR PROFESSIONAL USE.

## CERTIFIED

	<b>EN 998-1:2016</b>
	General purpose rendering/plastering mortar (GP) for internal/external use GP-CS IV-W2

## LEGAL NOTES

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. The information, and, in particular the recommendations relating to the application and end-use of Vimark products, are given in good faith based on Vimark's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Vimark's recommendations. 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. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).



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