

## METEORE 14 GROSSO (I-Beton Plus System)

### Technical and Environmental Sheet

<b><u>NAME:</u></b>	<b>METEORE 14 GROSSO</b>
<b><u>TYPE:</u></b>	natural water-based skim coating for interiors
<b><u>USE:</u></b>	designed for use with the VALPAIN I-BETON PLUS system
<b><u>CHARACTERISTICS:</u></b>	<p><b>specific weight:</b> 1,680 ± 30 g/L at 20°C (ISO 2811-1)</p> <p><b>viscosity:</b> 12,400 cps (EN ISO 2555)</p> <p><b>coverage:</b> 1.4-1.6 m<sup>2</sup>/L with one coat using 74K PV 127 Fibre-Glass Mesh (may vary depending on the roughness, porosity and absorption of the surface, and on the method of application)</p> <p><b>granulometry:</b> 0.6 mm</p> <p><b>aesthetic effect:</b> skim coating with a coarse grain</p> <p><b>colours:</b> neutral</p> <p><b>formats:</b> 1 L / 4 L / 12 L</p>
<b><u>DRYING TIMES:</u></b>	<p><b>surface-dry:</b> 6 hours at 20°C</p> <p><b>for walking on:</b> 12 hours at 20°C</p> <p><b>for painting over:</b> 16 hours at 20°C</p> <p><b>hard-dry:</b> 18-24 hours at 20°C</p>

**Drying times for the VALPAIN I-BETON PLUS system:** the entire system hardens after 7 days at 20°C and reaches optimal resistance to static loads after 28 days.




**ATTENTION:** the drying times for VALPAIN I-BETON PLUS products are essential to ensure the successful outcome of the project. Those given in the relevant technical sheets refer to standard, constant environmental conditions (T=20°C and Relative Humidity RH=65%). Conditions other than those indicated may alter drying times, possibly significantly. Between the application of one coat and the next, always check that the relative humidity of the surface is under 3% by measuring it with the BM40 moisture measuring device for materials. To make sure that humidity does not build up inside the room while the product is drying, we recommend using a dehumidifier suitable for the total volume of the space, potentially with a drainage pipe to convey the water into a specific container or outlet if the machine's tank becomes full. Spraying excessive quantities of water to smooth Meteore 14 prolongs drying times. If you have any doubts, always check that the humidity is below 3%.

### CHARACTERISTICS AND RESISTANCE:

thick skim coating with good filling and anchoring properties, ideal for application on rough cement floors and walls or in the presence of an uneven ceramic surface. To be used along with 74K PV 127 Fibre-Glass Mesh, to favour an even load distribution and create crack-resistant, strong and durable surfaces.

PARAMETER	STANDARD	RESULT	MARKING
BOND STRENGTH BY PULL-OFF TEST ON TILES	UNI EN 1542	1.68 N/mm <sup>2</sup>	UNI EN 1542 ↓ ADHESION
BOND STRENGTH BY PULL-OFF TEST ON CONCRETE	UNI EN 1542	1.68 N/mm <sup>2</sup>	UNI EN 1542 ↓ ADHESION

## ENVIRONMENTAL PROPERTIES:

PARAMETER	STANDARD	RESULT	MARKING
FREEDOM FROM DANGEROUS SUBSTANCES	-	FREE	
FORMALDEHYDE EMISSION RATE, X	JIS A 1902-3	X<0.005mg/m <sup>2</sup> h F****	
VOCs in the ready-for-use product	Directive 2004/42/CE	max. 31 g/L (EU limit 200 g/L) Cat. A1	

## PREPARATION OF THE SUPPORT SURFACE:

### VALPAINT I-BETON PLUS System

**Support surfaces with up to 3% humidity:** to apply Meteore 14 Grosso as part of the VALPAINT I-BETON PLUS system, follow the instructions for preparing the support surface given in the technical sheet for PRIMER AZ + CT10.

If rising damp is greater than 3% when measured with suitable tools (BM40 Hygrometer), we do not recommend applying VALPAINT I-BETON PLUS.

**Attention:** When using on floors, make sure not to create conditions under which puddles of water will form on the surfaces being decorated with the VALPAINT I-BETON PLUS system. If the gradient of the surface is not conducive to water drainage, correct it beforehand. If decorating both floor and walls, it is necessary to use Sigillante SG15 at the angles where floor and walls meet, leaving a few millimetres of thickness and creating a sort of “coving” along the entire perimeter of the floor surface being treated.

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## PREPARATION OF THE PRODUCT: APPLICATION:

**dilution:** ready to use  
**colouring:** = = =  
**system:** stainless steel trowel  
**number of coats:** 1

## APPLICATION CYCLE:

**SKIM-COATING:** Using a PV 43 Stainless Steel Trowel, apply a skim coat of METEORE 14 GROSSO, creating a layer of product sufficient to cover the mesh and leave the support surface level. Next, spray the entire treated area with water using the PV 106 Sprayer, then finish it straight away with spatula strokes in all directions so as to achieve a surface which is as smooth and compact as possible in order to prevent the formation of lumps, irregular trowel marks and unevenness and to avoid the need for sanding. After 16 hours at 20°C, it is possible to continue with the VALPAINT I-BETON PLUS decorative system.

**N.B.:Before applying the product, watch the video tutorial carefully.**

**Application temperature:** between +10°C and +30°C.

**Storage:** in a tightly closed tin, even after use, at temperatures between +10°C and +30°C. **Stability:** approx. 2 years in a properly sealed, never-opened container.

**NOTES:** Mix thoroughly before use. Wash tools immediately after use with soap and water.

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