

## METEORE 14 MEDIO

### Technical and Environmental Data Sheet

**NAME:**

**METEORE 14 MEDIO**

**TYPE:**

A natural water-based materic coating for interior

**USE:**

Designed for the realization of VALPAIN I-BETON system

**TECHNICAL DATA**

**specific weight:**

1.680 ± 30 gr/LT at 20°C (ISO 2811-1)

**viscosity:**

17500 cps (EN ISO 2555)

**yield :**

**SKIM COATING:** 1,0 - 1,5 m<sup>2</sup>/LT one coating on smooth surface, with 64K PV121 Fiber Glass Mesh (it may vary according to the roughness, porosity and surface absorption and to the method of application )

**FINISHING COATING:** 2,0-2,4 m<sup>2</sup>/LT one coating

1,0-1,2 m<sup>2</sup>/LT two coatings (it

may vary according to the roughness, porosity and surface absorption and to the method of application)

**granulometry:**

0,4 mm

**aesthetic effect:**

skim coat with a medium grain

**colours:**

as per catalogue

**packaging:**

LT. 1 - LT. 4 - LT.12

**DRYING TIME:**

**on the surface:**

6 hours at 20°C

**overpainting :**

8-12 hours at 20°C

**below the painting:**

18-24 days at 20°C

**Drying times of the Valpaint I-BETON system:** the entire system hardens after 7 days at 20 ° C and reaches the best resistance to static loads after 28 days.

**ATTENTION:** the drying times of Valpaint I-BETON products play a fundamental role in the success of the work. Those indicated in the relative technical data sheets refer to constant standard environmental conditions (T = 20 ° C and relative humidity UR = 65%). Conditions other than those indicated can modify the drying times even considerably. If in doubt, wait at least 24/36 hours between one application layer and another in order to ensure complete drying

**CHARACTERISTICS AND RESISTANCE** Materic coating with medium grain with high anchoring proprieties indicated for a direct application on cement surfaces or on tiles or on Meteore 14 Grosso. It is suitable to be used with 64 K PV121 Fiber Glass Mesh to facilitate the homogeneous distribution of loads by creating anti-crack, durable and resistant surfaces .

PERFORMANCES	STANDARD	VALUE	BRAND
ADHESION / PULL OFF TEST ON TILES	UNI EN 1542	≥1,68 N/mm <sup>2</sup>	UNI EN 1542 ↓ ADHESION
ADHESION / PULL OFF TEST ON CEMENT	UNI EN 1542	≥1,68 N/mm <sup>2</sup>	UNI EN 1542 ↓ ADHESION

## ENVIROMENTAL PERFORMANCES

PERFORMANCES	STANDARD	VALUE	BRAND
ABSENCE OF DANGEROUS SUBSTANCES	-	FREE	
FORMALDEHYDE ISSUE RATE, X	JIS A 1902-3	X < 0.005 mg/m <sup>2</sup> h F****	
VOC On product to use	Directive 2004-42-CE	max 40 g/L (Ue Limit 200 g/L) A/1 Cat.	

## PREPARATION OF THE SURFACE

**Surface with no humidity:** sand and level ceramic or similar tiles (no porcelain stoneware) as well as any reliefs on concrete substrates. Wash well with suitable detergents, eliminating dust, grease, soaps, weak paints and anything that can create detachment. When the substrate is dry and solid, grout the tile joints as well as any cracks and holes in the concrete with two-component Stucco SB30. This is to make the surface to be treated perfect and avoid subsequent sanding. After 24 hours at 20 ° C, apply a coat of Top Coat AR60 Lucido with a brush or a wool roller. The Top Coat AR60 Lucido must be catalyzed with CT80 and in this case diluted 1: 2 with water, mixing everything very well.

After 6 - 8 hours at 20 ° C, continue with the drafting of Meteore 14 Medio.

**Surface with humidity up to 15%:** sand and level ceramic tiles or similar (no porcelain stoneware) as well as any reliefs on concrete substrates. Wash well with suitable detergents, eliminating dust, grease, soaps, weak paints and anything that can create detachment. Apply the two-component Rasante DDS which must be catalysed with B60, mixing it very well with a spatula or a mechanical tool.

Rasante DDS must be applied within 40 - 50 minutes with the PV 43 stainless steel trowel on a well-solid, clean, degreased and dried support (for example with an industrial heater) to allow the product to anchor perfectly. In this way, possible detachments due to humidity are avoided.

After 24 hours at 20 ° C, if the joints are not completely leveled or in the presence of holes, grout with two-component SB30 Stucco and wait another 24 hours at 20 ° C before applying Meteore 14 Medio .

If the rising humidity is higher than 15%, measured with suitable instruments (carbide hygrometer), the application of VALPAIN I-BETON is not recommended.

**Warning:** In floor applications, avoid water stagnation on the surfaces to be decorated with the VALPAIN I-BETON system, by previously adjusting the slopes if they are not adequate for the flow of water

Level the surface with Rasante DDS or Stucco SB30, with the possibility of creating different layers of product up to the desired thickness. In addition, the construction, insulation or contraction joints on the surface to be decorated must be left free to accommodate any deformations. So don't fill or join them for any reason. If dust or other treatments of the substrate have caused the joints to close, they must be reopened with suitable means.

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If the decoration is done both on the floor and on the wall it is necessary to use the SG15 Sealant in the points of connection between wall and floor leaving a thickness of a few millimeters and creating a "connection cove" for the entire perimeter of the flooring to be treated.

**Application on corners and edges:** before starting work, assess the state of conservation of the sharp edges and corners; if the edge is not perfectly smooth and well consolidated, but appears flaked or fragile, it must be restored with the Rasante DDS, to be applied with the PV 43 stainless steel trowel or with the specific trowels or the stainless steel trowel for internal corners PV 123 and the shaped trowel stainless steel for external corners PV 124

### PREPARATION OF THE PRODUCT:

**dilution:** ready to use.  
**colouring:** using Colorì or Valclone Tinting system. Once the colorant has been added, the product must be mixed carefully for at least 3 - 4 minutes with an electric mixer drill, until it is perfectly homogeneous

### APPLICATION:

**system:** Stainless steel trowel

### APPLICATION CYCLE:

**coats:** 1

After 18-24 hours at 20°C Rasante DDS has been applied or after 6-8 hours at 20°C Kit Top Coat Ar60 + CT80 diluted has been applied proceed with the application of Meteore 14 Medio.

**SKIM COATING:** Apply a skim coat of METEORE 14 MEDIO, inserting the 64 K PV 121 Fibre-Glass Mesh and creating a layer that is sufficient to cover it and obtain an even surface. Smooth the surface thoroughly to avoid the need for sanding and to prevent any lumps, irregular trowel marks and protrusions.

**N.B.:** On walls and floors in rough cement, or on tiled surfaces with missing tiles, you can apply a skim coat of METEORE 14 GROSSO instead of METEORE 14 MEDIO, using the 64 K PV 121 Fibre-Glass Mesh.

**FINISHING:** After 8 - 10 hours at 20°C, apply a second coat of METEORE 14 MEDIO, again using the PV 43 stainless steel trowel, then spray some water over the entire decorated surface using the PV 106 sprayer, and finish straight away with brush strokes in all directions so as to achieve a surface which is as smooth and compact as possible to avoid the need for sanding. Wait a further 8 - 10 hours at 20°C, and then apply a third coat of METEORE 14 MEDIO using the same method.

**N.B.:** For the third coat you can also use METEORE 14 FINE instead of METEORE 14 MEDIO, to create a more even surface. Then, spray water using the PV 106 sprayer, and smooth the surface with brush strokes in all directions so as to achieve a surface which is as smooth and compact as possible to avoid the need for sanding.

After 12 hours at 20 °C it is possible to protect the surface applying Kit Top Coat AR60 Lucido + CT80 or Kit Top Coat Ar70 Opaco + CT80.

**N.B.: before proceeding with the application, please watch the video tutorial carefully**

**Application temperature:** superior to +10°C and below +30°C..

**Storage:** in a well closed can, even after use, at a temperature superior to +10°C and below +30°C..

**Stabilty:** 2 years if can is tightly closed, and never opened.

**NOTES:**

Mix carefully the product before use. Wash the tools soon after use with water and soap.

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**Edition n° 2**

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