

METEORE 12

Environmental and Technical Data sheet

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| NAME: | METEORE 12 |
| TYPE: | natural, water-based coating for interiors, especially formulated to reproduce marble effect |
| USE: | water-based interior decoration |
| FEATURES: | <p>specific weight: 1.810 ± 30 g/L at 20°C (ISO 2811-1)</p> <p>viscosity: 35.000 cps (EN ISO 2555)</p> <p>yield: 2-2,5 m²/L one coat on smooth surface (it may vary according to roughness, porosity, surface absorption and application method)</p> <p>FINISHING: 1-1.5 m²/L one coat on smooth surface (it may vary according to roughness, porosity, surface absorption and application method)</p> <p>aesthetic appearance: satin textured product with cement effect</p> <p>colours: colours from the catalogue</p> <p>packing: L 1 - L 4 - L 12</p> <p>on surface: 8 hours at 20°C</p> <p>over painting 10 hours at 20°C</p> <p>below painting: 28 days at 20°C</p> <p>thick textured coating with high anchoring properties even on smooth surfaces, such as ceramic tiles or cement.</p> |
| DRYING TIME: | |

CHARACTERISTICS AND RESISTANCE:

| PARAMETER | STANDARD | RESULT | MARKING |
|----------------------------------|-------------|------------------------|--|
| ADHESION / PULL-OFF TEST ON TILE | UNI EN 1542 | >2.2 N/mm ² | UNI EN 1542  ADHESION |

ENVIRONMENTAL PROPERTIES:

| | | | |
|---|----------------------|--|---|
| INDOOR EMISSION OF POLLUTING SUBSTANCES | ISO 16000 | TVOC <1mg/m ³ Class A+ |  |
| ABSENCE OF DANGEROUS SUBSTANCES | - | FREE |  |
| FORMALDEHYDE EMISSION RATE, X | JIS A 1902-3 | X<0.005mg/m ² h F**** |  |
| VOC on product ready for use | Directive 2004-42-EC | max 10 g/L (EU limit 200 g/L) Cat. A/I |  |

VALPAINT E-VOLUTION EASY CYCLE:

SURFACE PREPARATION:

Tiles: it is recommended to grind and level the irregular tiles of ceramic or porcelain stoneware with a diamond disk until the enamelled part becomes rough. Then wash thoroughly with VALPAINT detergent products, rinse with clean water and let dry well. If it is not possible to use a diamond disk for grinding, clean the surface well, removing all types of dirt or detaching agent, such as residues of soap, was, fat, silicone, etc.

WARNING: if the surface has a humidity higher than 1.5% measured with suitable instruments, such as Moisture Hygrometer BM40, the application of VALPAINT E-VOLUTION EASY is not recommended. Apply ANCORANTE PG with medium pile wool Roller PV 95, diluted at 50% with water. Check the surface after 24 hours at 20°C. If the joints are not perfectly levelled, or in the presence of holes, fill with bi-component STUCCO SB30 before applying METEORE 12.

Due to its epoxy formulation, STUCCO SB30 guarantees high resistance and adhesion and is perfect for points that require maximum seal. After catalysing, the product acquires characteristics similar to ceramic, guaranteeing a compact, resistant base for the successive finishing with METEORE 12.

Cement and Concrete Floor: in case of application on cement surfaces, they must necessarily have a tear strength > 1.5 MPa certified according to ASTM D 4541 and a compressive strength > 25 N/mm² certified according to UNI EN 13892-2. Apply one coat of ANCORANTE PG with medium pile wool Roller PV 95 diluted at 50% with water. In case of a very porous surface, it is recommended to apply a first coat of ANCORANTE PG diluted at 100% with water before applying the product diluted at 50%. Wait for 2 hours between the first and the second coat of ANCORANTE PG. Apply METEORE 12 after 4 hours at 20°C ad relative humidity 65% RH.

Plasterboard: the plasterboard must be new, of very good quality, never painted and smoothed with reinforcing mesh in the connection points between panels in order to avoid crackles due to surface movements. Apply one coat of ANCORANTE PG with medium pile wool Roller PV 95 diluted at 50% with water. Apply METEORE 12 after 4 hours at 20°C and relative humidity 65% RH.

VALPAINT E- VOLUTION PLUS CYCLE:

Tiles: grind and level any irregular tiles of ceramic or porcelain stoneware with a diamond disk until the enamelled part becomes rough. Then wash thoroughly with VALPAINT detergent products, rinse with clean water and let dry well. Apply PROMOTORE DI ADESIONE ADP by spraying it on the entire surface. Then wipe with a cloth dampened with PROMOTORE DI ADESIONE ADP, wet-on-wet, to increase penetration. Wait for 30 minutes at 20°C before applying a coat of PRIMER AZ + CT10 within 2 hours at 20°C from the application of PROMOTORE DI ADESIONE ADP not to lose anchoring with PRIMER AZ + CT10. PRIMER AZ must be applied with medium pile wool Roller PV 95.

After 24 hours at 20°C fill the joints with width larger than 2 mm and any possible holes with bi-component STUCCO SB30. Leave the surface perfectly smooth and levelled, without residues, lumps or irregularities to avoid mechanical removal. Wait for additional 24 hours at 20°C before applying METEORE 12. If more than 24 hours have elapsed from the application of PRIMER AZ + CT10 or STUCCO SB30, slightly sand the surface with min. 180-grit glass paper to eliminate surface vitrification.

Cement or Concrete Floor: in case of application on cement surfaces, they must necessarily have a tear strength > 1.5 MPa certified according to ASTM D 4541 and a compressive strength > 25 N/mm² certified according to UNI EN 13892-2. Apply one coat of PRIMER AZ + CT10 with medium pile wool Roller PV 95 diluted at 30% with PROMOTORE DI ADESIONE ADP. After 24 hours at 20°C and humidity lower than 65% UR, apply a second coat of PRIMER AZ + CT10 without dilution, using a PV 95 Roller. After 24 hours at 20°C fill any possible holes on the surface with bi-component STUCCO SB30. Leave the surface perfectly smooth and levelled, without residues, lumps or irregularities to avoid mechanical removal. Wait for additional 24 hours at 20°C before applying METEORE 12. If more than 24 hours have elapsed from the application of PRIMER AZ + CT10 or STUCCO SB30, slightly sand the surface with min. 180-grit glass paper to eliminate surface vitrification.

Plasterboard: the plasterboard must be new, of very good quality, never painted and smoothed with reinforcing mesh in the connection points between panels in order to avoid crackles due to surface movements. Apply one coat of PRIMER AZ + CT10 with a medium pile wool Roller PV 95 diluted at 30% with PROMOTORE DI ADESIONE ADP. After 24 hours at 20°C and humidity lower than 65% UR, apply a second coat of PRIMER AZ + CT10 without dilution, using a PV 95 Roller. Leave the surface perfectly smooth and levelled, without residues, lumps or irregularities to avoid mechanical removal. Wait for additional 24 hours at 20°C before applying METEORE 12. If more than 24 hours have elapsed from the application of PRIMER AZ + CT10, slightly sand the surface with min. 180-grit glass paper to eliminate surface vitrification. NB: Bi-component PRIMER AZ must be mixed very well with CT10 using a spatula or a wooden or plastic stick and must be applied within 20 - 25 minutes. On the contrary, if diluted at 30% with PROMOTORE DI ADESIONE ADP, the correct dilution rates must be complied with. Mix the components individually before mixing the products to be applied.

PRODUCT
PREPARATION:
APPLICATION:

dilution: ready to use
system: stainless steel trowel
number of coats: 2 (smooth and finish)

APPLICATION CYCLE:

1) Marble Effect:

SMOOTHING: apply one coat of METEORE 12 with Stainless Steel Trowel PV 43, leaving a layer sufficient to make the surface smooth and levelled. **FINISHING:** after 8 hours at 20°C, re-apply METEORE 12 with a stainless-steel trowel PV 43 on the entire surface. When the product is still wet, finish the surface with strokes using the Brush PV 105, creating irregular wavy veins from up down and vice versa. After 20 - 30 minutes at 20°C, spray water with Sprayer PV 106 on the coat of METEORE 12, following the strokes made when working with METEORE 12. This will make it easier to smooth METEORE 12 with the stainless-steel trowel PV 43.

It is important to wait at least for 12 hours at 20°C, after the application of METEORE 12, to sand with 220-grit glass paper in order to smooth and level the surface, avoiding lumps, teeth and ridges.

2) Smooth Effect: colour METEORE 12 with the relative amount of colouring paste called COLORÌ. Alternatively, the VALCLONE Tinting System can be used.

SMOOTHING: apply one coat of METEORE 12, leaving a sufficient layer to make the surface levelled and smooth, without teeth or lumps.

FINISHING: after 8 - 10 hours at 20°C re-apply METEORE 12 with the stainless-steel Trowel PV 43, immediately finishing it with strokes in all directions without having to go over the surface again. Spray water with Sprayer PV 106 to obtain a surface as smooth and compact as possible. After 12 hours at 20°C sand with 220-grit glass paper to smooth and level the surface, avoiding lumps, teeth and ridges. Finish the decoration with Glossy or Matte finish using TOP COAT.

CORNER APPLICATION: use the stainless-steel trowel for internal corners PV 123 and the stainless-steel trowel for external corners PV 124 for a correct application of METEORE 12 in right angles and sharp corners.

3) Other decorative effects and wall paper:

SMOOTHING: apply one coat of METEORE 12 with the stainless-steel Trowel PV 43, leaving a layer sufficient to make the surface smooth and levelled.

FINISHING: after 8 - 10 hours at 20°C re-apply METEORE 12 with the stainless-steel Trowel PV 43, immediately finishing it with strokes in all directions without going over the surface again. Spray water with Sprayer PV 106 to obtain a surface as smooth and compact as possible. After 12 hours at 20°C sand with 220-grit glass paper to smooth and level the surface, avoiding lumps, teeth and ridges.

Continue the decoration according to the desired decorative effect or with wall paper, then apply the GEL and finally the Matte or Glossy finish (see the catalogue for the complete application cycle)

NB: Before the application, watch the video tutorial of the desired effect.

Application temperature: higher than +10°C and lower than +30°C.

Storage: in a tightly closed can, even after use, at a temperature higher than +10°C and lower than +30°C.

Stability: approximately 1 year in well-sealed, never opened containers.

NOTES: Mix very well before use. Wash the tools immediately after use with water and soap.

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