HUMI-BLOCK

WATERPROOF SKIMCOAT TREATMENT FOR DAMP MASONRY AND FAÇADES

WATERPROOFING AND BREATHABLE EFFECT

- STOPS DAMPNESS AND HUMIDITY
- IDEAL FOR CELLARS AND FAÇADES
- MOISTURE VAPOUR PERMEABLE
- LEVELS SURFACES

PURPOSE

Filler in powder form for stopping and preventing dampness attacks, either permanent or occasional on raw masonry substrates.
Over exterior walls : stops water ingress
Over interior walls : operates as a barrier against dampness and protects finishing works.

SUBSTRATES

HUMI-BLOCK can be applied on any raw masonry substrates, either dry, damp or wet but not dripping or running:
• Cement, concrete, breeze blocks, bricks, stones

OVERCOATING

After complete drying, with any type of waterborne coating (moisture vapour permeable) minimum V2 classified as per NF EN 1062-1 or preparation fillers.

Physical and technical FEATURES

HUMI-BLOCK: Filler in powder form made of cement, selected quarry materials, resin and water-repellent agents.
• Characterization (NFT 36-005) : Family IV Class 4c
• Codification (EN 16566): $G_3S_3V_1W_3A_0C_0R_0$
• Application: In 1 or 2 coats. With a brush, into 2 criss-cross applied coats. In thick consistency form, HUMI-BLOCK can be used occasionally for filling up.
• Application thickness: 2 mm minimum. Must be applied evenly.
• pH: Alkaline
• Permeance: As per the BEB6-A 3027/1 test report from the CEBTP (French testing laboratory / centre for research and study on Construction and Civil Engineering Works :
- Moisture vapour permeable : Class 1 (V1) in compliance with EN ISO 7783-2 standard: Highly moisture vapour permeable
- Water permeable: Class 3 (W3) in compliance with EN ISO 1062-3: Low water permeability
• Mixing rate: Approximately 27% in case of brush application and approximately 22% for blade or trowel application. Let the mixed product stand for 15 minutes and mix again right before application.
• Second coat: between 12 to 24 hours. A second coat may be applied as soon as the first one is hard.
• Consumption: Filler consistency: 1.5 kg /m²/mm thickness
Brush application consistency: 1.4 kg/m²/mm thickness
• Working time: 3 to 4 hours under 20°C in relation with consistency
• Colour: white
• Adherence: In compliance with EN 16566 : > 0.8 MPa

USE AND STORAGE CONDITIONS

• Application tool: Blade or trowel
• Tools cleaning: With water.
• Preservation: product guaranteed 6 months, from the original purchase invoice date as evidence, stored in a dry place, away from frost and sun

PACKAGING

• Bag of 6 kg
• Bag of 20 kg

SUBSTRATES PREPARATION

• Substrates to be prepared as per the current trade practices.
• Substrates must be hard, cohesive, clean and sound. The substrate area being filled is required to be thoroughly cleaned back to the raw masonry both in the affective areas and the immediate surrounding area. All contaminates such as algae or fungus, etc must be removed.

CAUTION FOR USE

Under hot and dry weather conditions, wet the substrate a lot before application. The mixed product temperature modifies its setting time : a high temperature will accelerate it, a low temperature will delay it. Do not apply the product under a temperature of 5°C and above a temperature of 35°C, nor under direct sunlight nor on overheated surfaces.

NORMATIVE DOCUMENTS to be referred to

• EN 16566: Coating Fillers for interior and/or exterior works.
• NFT 36-005: Characterization of paint products.
• DTU 59.1 (NFP 74-201): Building paint works.
• DTU 42.1 (NFP 84-404): Façades renovation with polymer-based waterproofing coatings.

HEALTH AND SAFETY

• XI Irritating - Contains cement.
• Very low VOC emissions : <0.01 %
• Safety data sheets available on www.toupretpro.co.uk

The data sheet information, especially the guidelines relevant to the application and final use of **HUMI-BLOCK** are provided in good faith and result from the knowledge of the products and experience of TOUPRET company.
The product is required to be applied as per the trade practices rules book and in reference to our recommendations.
The times mentioned are only indicative and depend on the substrate, the coat thickness, and the ambient conditions.

Information on the level of emission of volatile substances in indoor air, presenting a risk of inhalation toxicity, on a class scale fom A + (very low emissions) to C (high emissions).

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