SUİPA
Construction Chemicals

SUIPA HIBALF

Alphahybrid Polymer-Based Monocomponent Transparent Water Insulation Material

PRODUCT DESCRIPTION

SUİPA HIBALF is a hybrid polymer-based waterproofing coating suitable for application on damp surfaces at temperatures of 5 °C and above. It does not necessitate a primer, possesses 2mm crack-bridging capabilities, and is free from solvents, cyanates, and heavy metals. Additionally, it is fast-curing, easy to apply, and consists of 100% solids (solvent-free).

APPLICATIONS

- Terraces and balconies subjected to significant pedestrian traffic
- Interior and exterior surfaces of basements
- Repair of surface cracks
- Joints on both interior and exterior surfaces
- Interior and exterior surfaces of domes
- Concealed roof gutters
- Waterproofing beneath ceramics
- In-floor applications serving as a moisture barrier

FEATURES

- Direct application without primer
- Rapid and thorough curing
- Cured with advanced generation reagents
- Simple application due to low viscosity
- Formulation free of plasticizers
- Breathable
- High resistance to chemicals
- Applicable in temperatures ranging from -5 °C to 35 °C
- Usable on damp surfaces
- Suitable for fresh concrete that is not fully cured and hardened (minimum 4 days old)

APPLICATION PROCEDURE

The application surface must be devoid of dust, loose particles, and substances that impede adhesion, such as oil and grease. Successful application is contingent upon proper surface preparation and the utilization of appropriate materials. The surface may be damp or wet, but it should not retain standing water. Dust and debris must be thoroughly eliminated using a vacuum cleaner. If necessary, the surface should be washed with clean water. Any cracks on the application surface should be repaired with suitable materials. On the ceramic-coated surface designated for application, the integrity of the joints must be assessed to ensure complete adhesion of the ceramic to the surface. If required, they should be replaced, or any missing components should be addressed.

Do not incorporate any material into SUIPA HIBALF Transparent or dilute it. Initially, expansion joints, dilatations, and water drainage should be inspected, and these joints must be sealed with SUIPA HIBALF. Corners should be beveled with appropriate materials to prevent cold joints at the junctions of walls and floors. SUIPA HIBALF should be applied in two coats. The second layer should be applied 12-24 hours after the first layer, and it should be applied in the opposite direction of the first layer.

TECHNICAL SPECIFICATIONS

Basis	polymer
Color	Transparent
Density	±0.02 1 g/ml
Solids	% 99
Viscosity	±100 1000 c P
Tensile Strength	N/mm2 Min. 5
Elasticity	% ±20 100
Fire Classification	EN 13501-1- E
Water Vapor Permeability (SD)	m SD<5 CLASS I
Capillary Water Absorption	h0.5 ≤0.1 w<0.1 kg/m2
and Permeability Hardness	±5 83 Shore A
Definitive Use Duration (23 °C)	±3 - 7 days
Pot Life (23 °C)	±5 45 dK
Crack Bridging	2 mm
Application Temperature	±5 0-30 °C

The aforementioned values are applicable at 23 °C and 50% relative humidity.

CONSUMPTION

- 1.2 Kg/m².mm - 1.5 Kg/m².mm (for a thickness of 1 mm, contingent upon the surface's absorbency)

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15 kg metal container.

STORAGE CONDITIONS AND SHELF LIFE

- 12 months in its unopened packaging, stored in a dry, cool, and enclosed location.

WARNINGS

- Application should be conducted in well-ventilated areas while wearing protective gloves. In the event of contact with skin or eyes, seek medical attention immediately and present the material's MSDS form.
- It poses no harm to the environment or human health.