

IPAPHOB

Hydrophobing Impregnation Compound.

Product Specifications:

IPAPHOB is a one-component siloxane solution containing solvent.

Areas of Application:

IPAPHOB is used to impregnate façades, structural members made of concrete, gas-formed concrete and asbestos cement, brickwork, cement and lime plaster, natural and man-made stones, absorptive clinker and roofing tiles, so as to water-proof them. Any such building material should have a pH value of less than 9. (Use an IPA Indicator to test this.) Without creating any problems, IPAPHOB can be applied to moist or wet substrates.

Action (Properties):

A special combination of solvents and low-molecular siloxanes guarantee deep IPAPHOB penetration. As the solvents evaporate, the active ingredients will cross-link into an insoluble impregnating layer that is transparent, non-tacky, UV resistant and anti-soiling. IPAPHOB will achieve the so-called "beading" effect without causing any discoloration of any impregnated substrate. IPAPHOB will not impair the vapor diffusibility of any building material.

Test Certificate:

Report dated Dec. 3, 86 and drawn up by the firm of Bayplan: Testing Properties and Efficiency of A Silicone-Based Hydrophobing Agent Called IPAPHOB.

Processing Notes:

Before applying IPAPHOB, clean any soiled surface by cautions sand or steam blasting, adding cleaning agents if necessary. Substrates may be moist, but must not be water-logged. Thoroughly stir the quantity of IPAPHOB supplied ready for use, next, spray, brush or flood the surface wet in wet, applying at least 2 courses top down so as to saturate the surface. The period of time between applying 2 layers should not exceed 3 hours. Consumption depending to a large extent upon the absorptivity of any substrate to be treated, it may be necessary to process a sample surface.

Technical Data

Material:	oligomeric alkylalkoxysiloxane
Appearance:	colorless
Percentage of Active Ingredients:	5,6 ppw
Density:	0,80 kg/ltr.
Processing Temperature:	above 0°C(material temperature)
Consumption:	0,1 - 0,8 ltr./m ² , depending upon substrate absorptivity
Storage:	keep dry, do not store at temperatures above +30°C, protect against direct insolation
Shelf Life:	6 months within unopened container
Supplied In	tinplate containers holding 10 lts, barrel 200 lts

Please Note:

Before impregnating any substrate using IPAPHOB, carefully cover any glass surfaces or anodized aluminum parts. Whenever any spot of IPAPHOB appears on any such surface, use IPAPOX cleaning agent to remove it. IPAPHOB will react to atmospheric humidity; therefore, it has to be stored in well-closed containers. Use IPAPOX cleaning agent to clean tools and equipment. IPAPHOB is highly flammable and constitutes a class A hazard. Do not process in the presence of any unprotected flame. Avoid breathing its vapors; provide for sufficient ventilation. Keep liquid from leaking into waste water. Observe all protective measures prescribed by any competent social insurance association against occupational hazards in the chemical industry. Use gloves and protective goggles. Avoid any contact between the product and your skin. For improved protection, apply cream to your hands. Use a good deal of water to wash away any splashes of material reaching your skin or an eye; afterwards, immediately consult a physician.

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