



A Subsidiary of PETRONAS Chemicals Group

PRODUCT DATA SHEET

BRB Siloen[®] HPA 406

Constructions

BRB International BV

PO Box 3552 NL-6017 ZH Thorn. Office: Europastraat 5 NL-6014 CD Ittervoort The Netherlands.

T: +(31) 475 560 300

www.brb-international.com

BRB Siloen® HPA 406

Hydrophobing Additive



Description

BRB Siloen® HPA 406 is a non-ionic, APEO free, solventless, water-thinnable, 55% solid aqueous emulsion of a modified polysiloxane.

Application

BRB Siloen® HPA 406 is an additive used in masonry coating, aqueous primers to enhance water repellency.

Features

- Enhance water repellency and beading effect without reducing water vapor permeability
- Solvent free
- Suitable for many waterborne paint systems or plasters (ex. Acrylics, Silicate, Siloxane etc)
- Suitable as water repellent primers on material substrate as well as hydrophobing agent for insulating material

Benefits

- Provides superior hydrophobicity and low water absorption to silicone based masonry paints and cement-based mortars
- Enhance beading effect and minimize dirty pick up
- Improves processability and anti-blocking characteristics in paints

Typical Data

Parameter	Unit	Value
Appearance		homogeneous, milky white
Active constituents, approx.	%	55
Type of emulsifier		non ionic
Specific gravity at 25 °C, approx.		1.0
pH, approx.		7.0
Diluent		water

How to Use

In masonry paints, 1,0% to 5% (typically 2% to 3%) of *BRB Siloen® HPA 406* as supplied calculated on total formulation of the paint. *BRB Siloen® HPA 406* is suitable for silicone resin paints, silicate paints, highly filled emulsion coatings, whitewash emulsions and interior paints.

BRB Siloen® HPA 406 might be added to the grind before the let-down either in post addition.

BRB Siloen® HPA 406 can also be thinned to 2-5% solids in conjunction with a waterborne polymer dispersion to be used as a water repellent façade primer.

When used as water-repellent for insulating materials (in plant treatment of mineral fibres) *BRB Siloen® HPA 406* is effective at low concentration and should be diluted 1:100 parts by weight

BRB Siloen® HPA 406 can be used as such or be thinned with water before use. For prolonged storage of the dilution, deionized water is recommended and additional preservative may be required.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

FOR MORE INFORMATION

Please contact

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IMPORTANT NOTICE

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