

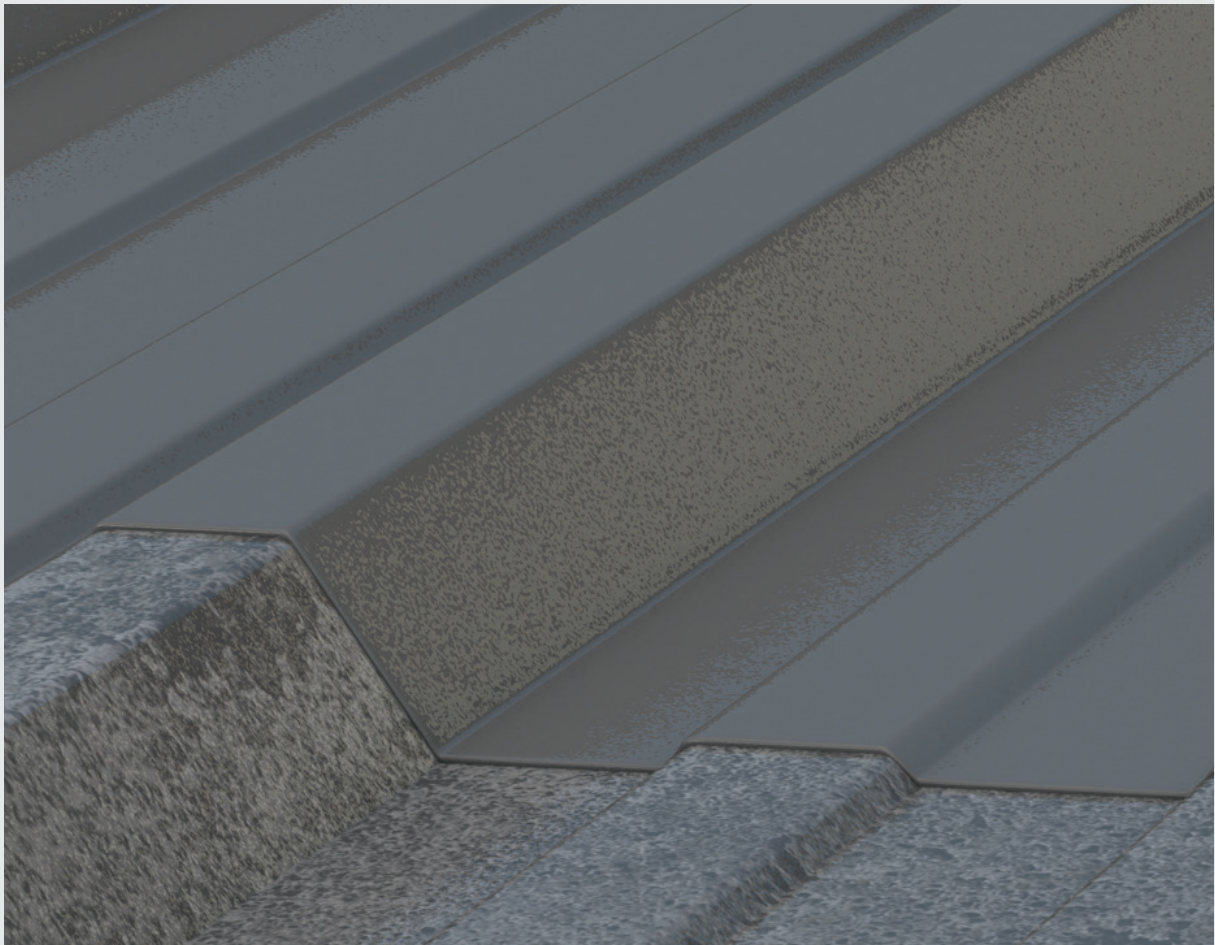
SIGNATURE^S

LIQUID WATERPROOFING

Product Data Sheet

PU THICKENING AGENT

Additive for use with SIGNature PU-10 Liquid Coating on areas of severe incline, unevenness or vertical surfaces



DESCRIPTION

SIGNature PU Thickening Agent is a unique 'rheology' additive developed to enhance the application of SIGNature PU-10 Liquid Coating in severely inclined, uneven or completely vertical substrates. It is mixed in with the coating at a recommended addition ratio of 10% to 30% by weight, depending on the surface inclination, substrate condition and desired final coverage rate.

TYPICAL APPLICATIONS

Increasing the thixotropic nature (reducing the self-levelling characteristics) of Signature PU-10 Liquid Coating, e.g.

- ⑤ Waterproofing of vertical flashing details on a roof. Usually these points need several coats of PU-10 Liquid Coating in order to achieve the minimum film thickness. By using PU Thickening Agent the application on these points can be done in 1-2 coats maximum.
- ⑤ Waterproofing and protection of a roof where the substrate is very uneven and may be difficult to achieve a uniform thickness of the membrane. By using PU Thickening Agent you can modify the rheology of the PU-10 Liquid Coating so that all areas are covered at a uniform consumption.
- ⑤ Waterproofing and protection of corrugated metal roofs. Once again this application may prove difficult using self-levelling products as once again you will have uneven consumption of material. By using PU Thickening Agent you can modify the the rheology of the Liquid Coating that all areas are covered at a uniform consumption.

FEATURES AND BENEFITS

- ⑤ The product is available in 1kg plastic sausages that allows for easy addition into PU-10 Liquid Coating without significant loss of product.
- ⑤ SIGNature PU Thickening Agent greatly enhances the thixotropic properties of the PU-10 Liquid Coating without affecting its final viscosity.

COVERAGE RATES

Mixed into SIGNature PU-10 Liquid Coating at a ratio of between 10% and 30% by weight dependent on application severity of slope.

PACKAGING AND SHELF LIFE

The product is supplied in 1kg plastic sausages.

12 months minimum in the original packaging when stored in dry places and at temperatures of 5°C to 25°C.

APPLICATION PROCEDURE

Open the can of SIGnature PU-10 Liquid Coating and mix thoroughly before adding the SIGnature PU Thickening Agent.

Open the sausage of PU Thickening Agent and empty desired amount by hand into the pail (left over material can be sealed and stored for later use). Addition of PU Thickening Agent depends on specific project requirements, but the recommended amounts is 10% to 30% by weight.

Mix the PU Thickening Agent gradually into the PU-10 Liquid Coating using a low speed mixer, being careful not to introduce air into the mixture, until the required thickness is achieved. Apply the thoroughly mixed material to the previously primed substrate as described in the technical data sheet.

TECHNICAL SPECIFICATION

PROPERTY	UNITS	METHOD	SPECIFICATION
Viscosity (BROOKFIELD)	cP	ASTM D2196 - 86, @ 25°C	7800
Density	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C	1.8 - 1.9
Solids	%	-	100



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