TECHNICAL DATA SHEET

VALA INTHONTSI
Waterproofingsystem

Discussion

VALA INTHONTSI waterproofing compound is a highly flexible liquid applied emulsion, that when reinforced with stitch bonded polyester, forms a homogeneous seamless waterproofing system. VALA INTHONTSI in conjunction with stitch bonded polyester is suitable for; flashings, parapet walls, properly graded roof decks, lap joints, roofing screws and many other waterproofing details. Vala Inthontsi is available in 1Lt bag and in a range of two different colours.

Physical Properties

Colour:	Red and Black
Application:	Brush, roller or spray.
Coverage:	2.2L/m^2 – 2.5L/m^2 (depending on surface porosity)
Total Solids:	+/- 55%
Specific Gravity:	+/- 1.2
Viscosity:	100 Krebbs Units at 25ºC
Drying Time:	(Between Coats) Minimum 30 minutes at 25ºC at 65% R.H.
	(Last Coat) 2-3 hours before resistant to rain.
	Full cure 12-20 hours at 25ºC at 65% R.H.
Cleaning:	Water when wet. Ethyl acetate when dry.
Flammability:	Non Flamable

A division of STT Sales PTY (Ltd)
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Surface preparation

All forms of surface contamination must be removed to ensure a smooth surface, free of moisture and any loose material, fungus or any other barrier to adhesion. Steel and galvanised steel surfaces must be free of loose paint, grease, grime, oil and rust.

Technical assistance and applicator training are freely available to all approved users.

Application

PRIMING:

All non metal surface – use a 50% VALA INTHONTSI and clean water mix to prime the entire surface, allow a 30 minute drying time.

On metal surfaces – Prime with Darachem DC4 and allow 4 hour drying time.

Apply at the rate of 1L/m^2 undiluted VALA INTHONTSI and immediately embed the SBP Geo-Fabric into the wet product ensuring no creases or folds in the material. Work the membrane into the VALA INTHONTSI using a brush. Product should be evident “striking through” the membrane and if this is not the case, too little product has been applied or the product has been allowed to dry before embedding the membrane. At this point the bedding coat for the second run of membrane can be applied.

Apply the second run of membrane into the bedding coat in the same manner ensuring an additional coat at 1L/m^2 between the 2 layers of membrane at the 100 mm overlap.

After allowing a minimum drying period of 30 minutes.

Apply a second coat VALA INTHONTSI at the rate of .75L/m^2. Allow a minimum of 30 minutes drying period.

Apply a further final coat of VALA INTHONTSI at the rate of .75L/m^2. It will be noted that a total of 2.5L/m^2 of VALA INTHONTSI has now been applied. The minimum weight of the membrane alone shall be 100g/m^2. The total weight per m^2 shall therefore be 1.5 kg

Note drying times are based on a temperature of 25^0 c min. and a R.H. of 60% max.

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Maintenance

A maintenance re-coat is recommended after three years.

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