



BONDCRYL Acrylic waterproofing

Discussion

BONDCRYL acrylic waterproofing compound is a highly flexible liquid applied emulsion, that when reinforced with stitch bonded polyester, forms a homogeneous seamless waterproofing system.

BONDCRYL 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. BONDCRYL is not suitable for areas of long term ponding or under tiles. BONDCRYL is available in 20L, and 5L containers and in a range of eight different colours.

Physical Properties

Colour:	Red, Grey, Charcoal, Black, Brown, Terracotta, White and Green.
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 25°C
Drying Time:	(Between Coats) Minimum 30 minutes at 25°C at 65% R.H. (Last Coat) 2-3 hours before resistant to rain. Full cure 12-20 hours at 25°C at 65% R.H.
Cleaning:	Water when wet. Ethyl acetate when dry.
Flammability:	Non Flammable

technical data sheet



Surface preparation

All forms of surface contamination must be removed to ensure a smooth surface, free of moisture and any loose material, 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% BONDCRYL 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/m² undiluted BONDCRYL and immediately embed the SBP Geo-Fabric into the wet product ensuring no creases or folds in the material. Work the membrane into the BONDCRYL 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/m² between the 2 layers of membrane at the 100 mm overlap.

After allowing a minimum drying period of 30 minutes.

Apply a second coat BONDCRYL at the rate of .75L/m². Allow a minimum of 30 minutes drying period.

Apply a further final coat of BONDCRYL at the rate of .75L/m². It will be noted that a total of 2.5L/m² of BONDCRYL has now been applied. The minimum weight of the membrane alone shall be 100g/m².

The total weight per m² shall therefore be 1.5 kg

Note drying times are based on a temperature of 25⁰ c min. and a R.H. of 60% max.

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Maintenance

A maintenance re-coat is recommended after three years.