



Daraflex Waterproofingsystem

Discussion

DARAFLEX is a polymer modified anionic bitumen emulsion, which is used to impregnate a suitable geo-fabric thus forming a continuous waterproofing membrane. Once completely dry the product becomes highly resistant to swelling or re-emulsification, a problem associated with other water based systems. The product is supplied in 25Lt. and 210Lt. drums and should be used within two months of the date indicated on the container. Thorough stirring is required before use and the container must be protected against frost.

Physical Properties

Viscosity:	110-115 Krebs at 25°C.
Colour:	Chocolate Brown when wet, Black when dry.
Total Solids:	+/- 55%
Specific Gravity:	+/- 1.08
P.H.:	8-10
Water Vapour permeability	+/- 3.5g /m ² /24hr /mm
Joint Strength:	75mm Lap exceeds membrane strength.
Flash Point:	None, water based.
Drying Time:	(Between Coats) Minimum 45 minutes at 25°C at 65% R.H. (Last Coat) 2-3 hours before resistant to rain. (Non Ponding Conditions)
Cleaning:	Water when wet, Darasolve N when dry.
Chemical Resistance:	Resistant to mild acid and alkali solutions. Not resistant to aromatic and aliphatic Hydro-carbon solvents – Diesel or Petrol.
Elongation:	4 mm thick sample (unreinforced) greater than 100% at 30°C.
Slump Resistance:	Will not slump on vertical surfaces under S.A. conditions.

technical data sheet



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Applications

Concrete Roof Decks:	System must be protected with REFLECT (Bitumenous Aluminium Paint) (See Daraflex Application Instruction)
Grating/Rooster	Protected as above. (See Daraflex Application Instruction)
Wooden Boarded Roofs:	Protected as above. (See Daraflex Application Instruction)
I.B.R. or Corrugated Iron:	Protected as above. (See Daraflex Application Instruction)
Planters and Flower Boxes:	No U.V. protection required. (See Daraflex Application Instruction)
Water Retaining structures	No U.V. protection required. (See Daraflex Application Instruction)
Heavy Foot Trafficable areas:	Hypercrete Topping. (See Daraflex Application Instruction)
Tanking of Basements:	No U.V. protection required. (See Daraflex Application Instruction)
Rewaterproofing over existing systems:	U.V. protection required.

The above applications are described fully on the various application instruction sheets. Years of experience have resulted in comprehensive information on each application. Deviation from the specified instructions will automatically invalidate any claim against non performance of the product, which in all circumstances, is restricted to replacement of product proven defective.

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