



BEAM RLPF32

Description

Beam RLPF32 is a marine grade, 2K , closed cell, polyurethane, expanding foam with excellent adhesion properties. Once cured it forms a lightweight, rigid mass that will resist the absorption of water.

Suggested uses

This lightweight foam is commonly used for filling voids and for buoyancy or insulation applications. It has unlimited applications.

Technical Data

	ISO. A-Side	Polyol B-Side
Appearance:	Brown	Honey
Mix Ratio – By Volume	1 to	1
Reactivity @ 20C:		
Cream Time:	50-60 seconds	
Gel Time:	1.5 minutes	
Tack Free Time:	3.5 minutes	
Full Cure Time @ 25°C	7 days	
Over Cured @ 70 °C	3 hours	
Density:	Approx 32 Kg/m3	

Processing Characteristics

It is important that the components are accurately weighed out and are mixed carefully to ensure a good result. Avoid mixing air into the product. For premium results de-gas mixed product.

Pre-Conditioning Material

Both A & B sides of Beam RLPF32 are best stored and pre-conditioned at 20 -25 C. The B-side (Polyol) should be stirred prior to use.

Storage of Materials – A & B-Sides

A & B –Side containers should always be stored in a dry area with the caps tightly sealed to avoid atmospheric moisture from entering. Partly used containers should be capped with Nitrogen. Storage at 20 -25 C is preferred. Always protect containers from frost, and avoid long periods in direct sunlight

Application:

Beam RLPF32 can be poured or spray applied using a plural component Cartridge Gun or high pressure plural component spray machine, by applying the foam in a single pass in the area to be filled. Allow the chemical to react and rise to its set thickness. Wait several minutes before applying the next coat to minimize heat build up.

Caution:

Keep away from fire, inedible, keep out of reach of children. Use in a well ventilated area only. Protect eyes and skin when working with this product. Use suitable equipment, clothing and protective gloves. Refrain from inhaling fumes. Wash hands with soap and water after use painting. Do not apply when rain is expected or when temperatures drop below 10 °C and relative humidity is over 85%.

Cleanup

Cleanup overspray and spills immediately with dry cloth and acetone. Cured foam is very difficult to remove.

General Comments:

Never mix this material with others when not specifically recommended by us. Achievement of the best desired results is subject to proper application in strict conformance to our instructions and safety measures. Before application, the user should verify that the product is indeed designed for the intended usage and that the application area has been properly prepared and are suitable for the products application. Data presented here is based on our best knowledge and experience. We reserve the right to update and/or alter it without prior notice.

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