



RIGIBOND 5

RIGIBOND 5 is a two-component filled polyurethane adhesive used to bond LAMBDABOARD®, internal insulation cores and other suitable substrates, including concrete, metal sheeting, bitumen torch on membranes etc. The adhesive does not contain any solvents and is VOC free. This adhesive is suitable for batch mixing. The adhesive can withstand constant exposure to temperatures up to 100 °C.

TYPICAL PHYSICAL PROPERTIES

PART A		PART B	
Resin (Polyol blend)		Technical Grade MDI	
Appearance:	White	Appearance:	Dark Brown Liquid
Relative density (SG):	1.76 g/ml	Relative density (SG):	1.22-1.23 g/ml
Typical Reaction Profile at 20 °C			
Ratio:	5 : 1 (m/m) (Polyol Part A : MDI Part B)		
Pot Life (pourable):	15 - 20 minutes		
Gel Time:	30 minutes		
Open Time:	40 minutes		

GUIDELINE ON APPLICATION

Ratio: Ensure that the specified ratio for the system is adhered to. Consult the table above.

Mixing: The two components are to be mixed using a paint mixer on the end of a drill utilizing the part A vessel as the mixing vessel for both components. The total mix must be a uniform cream colour and no streaks seen. Product is supplied in kit form to optimize mixing ratio.

Application: Ensure that all substrates are free of water and are clean of any residue. The mixed system can then be applied onto the relevant surface/substrate. The glue can then be spread out using a fine-toothed trowel. The spread rate is ±500g per m². Once the glue has been evenly spread out, the relevant substrate can then be bonded. Sufficient bonding occurs after a minimum of 4 hours and full bonding after 12 hours; this depends greatly on the ambient and substrate temperatures.

SAFETY CONSIDERATIONS

Recommended use of proper PPE should always been adhered to. For safety considerations, refer to MSDS.

Learn more at: www.rigifoam.com

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