



IPATHANE HYDROPHILIC GROUT

Polyurethane Injection Resin

IPATHANE HYDROPHILIC GROUT

Product Data Sheet

Description:

IPATHANE HYDROPHILIC GROUT is a V.O.C. compliant, nonflammable polyurethane injection resin formulated to seal dynamic non-structural cracks in concrete and prevent water migration. Once in contact with water, IPATHANE HYDROPHILIC GROUT expands and cures to a closed-cell, flexible foam.

Advantages:

Quick expansion.

Cures to a tough, adhesive foam able to withstand varying thermal cycles and movement.

Standard viscosity resin.

Can be used to saturate open cell foams or oil-free Oakum for expansion joints.

Non-corrosive, Non-flammable.

Material can be used in single or plural component injection pumps.

Technical Data:

Uncured:	Density	8.7-9.2 lbs/gal.	ASTM D-3574-95
	Solids	83%	ASTM D-2369 (Method B)
	Viscosity	650-800 cps	ASTM D-2196 (Method A)
	Flashpoint	225°F	ASTM D 93
	Color	Pale Yellow	
	Reaction Time	1:1 with water = 20 sec @ 68°F	
	Non-corrosive		

Cured:	Elongation	400%	ASTM D 3574-95
	Tensile Strength	380 psi	ASTM D 3574-95
	Shrinkage	<10%	ASTM D 1042
	Bonding Strength	250-300 psi	
	Toxicity	Non-Toxic	

Caution:

Water used to activate IPATHANE HYDROPHILIC GROUT must be in a pH range of 3 –10 for proper cross-linking of the materials and optimum foam quality.

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Storage and Handling:

IPATHANE HYDROPHILIC GROUT is sensitive to moisture and moderately sensitive to high storage temperatures. It is recommended that the material be stored at temperatures between 41°F—60°F and in dry conditions. Maximum storage temperature should not exceed 80°F. Once a container has been opened, the material should be used as quickly as possible as the useful life of the material is greatly reduced.

IPATHANE HYDROPHILIC GROUT should be removed from all application equipment immediately after use due to its high risk of moisture contamination.

IPATHANE HYDROPHILIC GROUT should be used in well ventilated areas. Avoid eye and skin contact.

Limitations:

Low temperature will significantly affect viscosity. To minimize this effect, store product at normal room temperatures for a minimum of 24 hours prior to use. If site temperatures are extremely low, heat bands may be used on the pails during use to maintain the products temperature, lower viscosity and improve penetration. Do not exceed 80°F when warming.

CAUTION—FOR INDUSTRIAL USE ONLY

WARRANTY

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. THIS WARRANTY AND GUARANTEE ARE EXPRESSLY IN LIEU OF ALL OTHERS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND MAY NOT BE EXTENDED BY REPRESENTATIVES OR ANY PERSONS, WRITTEN SALES INFORMATION, OR DRAWINGS IN ANY MANNER WHATSOEVER. While the manufacturer recommends uses for the product based on tests believed reliable, no warranties, express or implied, or guarantee can be given as to particular methods of use or application, nor can performance be warranted, expressly or impliedly, or guaranteed under special conditions. Distributors, salespersons or company representatives are NOT authorized to extend or vary any warranties or guarantees beyond those outlined herein nor may the manufacturer's or seller's limitation of liability be waived or altered in any manner whatsoever.