

PORT & SURFACE 5/30

Waterproofing Crack Injection

Product Data Sheet

PRODUCT NAME

Port & Surface 5/30

MANUFACTURER/SUPPLIER

Polyguard Products, Inc.
Ennis, TX 75119
(214) 515-5000
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www.polyguardproducts.com

PRODUCT DESCRIPTION

BASIC USES

Port & Surface 5/30 is a high-strength, two-part, solvent free, moisture insensitive, room temperature curing, smooth paste epoxy adhesive system designed for use with Urethane Injection. The number 5 indicates a working time of 5 minutes and the number 30 a cure time of 30 minutes at 75°F. Shorter times will be experienced in temperatures above 75°F and longer times below 75°F.

Port & Surface 5/30 is designed to permanently secure surface injection ports and seal cracks prior to urethane pressure injection.

COMPOSITION & MATERIALS

A proprietary mix of urethane polymer, isocyanate and fillers.

TECHNICAL DATA

See physical properties table

INSTALLATION

SURFACE PREPARATION

Surface must be clean and sound. It may be dry or damp, but free of standing water. Sandblast or wire brush related construction surfaces.

APPLICATION

Apply a band, approximately ¼" thick, over the cracks to be injected and around injection ports. Allow sufficient time to cure before pressure injection.

STORAGE

Port & Surface 5/30 should be safely stored indoors, out of direct sunlight, at temperatures between 60°F and 85°F, and in a well ventilated area. Keep from freezing.

SAFETY

MSDS sheets for all Polyguard products can be obtained at our website www.polyguardproducts.com. Call Polyguard Products, Inc. at 214.515.5000 with questions.

WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. A five (5) year material or system warranty may be available upon request. Contact Polyguard Products, Inc. for further details.

TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.

PHYSICAL PROPERTIES TABLE			
PROPERTY	TEST METHOD	TYPICAL VALUE	
TENSILE STRENGTH	ASTM D 638	5,000 PSI	
ELONGATION	ASTM D 638	3-4%	
COMPRESSIVE STRENGTH	ASTM D 695	12,500 PSI	
BOND STRENGTH	ASTM C 321	2,400 PSI	
FLEXURAL STRENGTH	ASTM D 790	8,000 PSI	
DEFLECTION TEMP	ASTM D 648	190°F	
PROPERTY	PART A	PART B	MIXED
SOLIDS BY VOLUME	100%	100%	-----
COLOR	White	Black	Grey
SHELF LIFE	1 year	1 year	-----
WEIGHT BY GALLON	16 lbs	16 lbs	16 lbs
MIX RATIO (Vol.)	-----	-----	1:1
CONSISTENCY	-----	-----	Smooth-paste adhesive
POT LIFE: (3 oz)	-----	-----	4-6 minutes
GEL TIME (5 mil)	-----	-----	20 minutes
TACK-FREE TIME	-----	-----	40°F 45 min., 73°F 20 min., 90°F
FINAL CURE	-----	-----	24 hours
VISCOSITY	-----	-----	Non sag gel
HARDNESS (Shore)	-----	-----	80-D
ULTIMATE PULL OUT STRENGTH	-----	-----	18,000 lbs. (Concrete Failure)