

DETAIL SEALANT PW™

Adhesive/Sealant

PRODUCT NAME

Detail Sealant PW™

MANUFACTURER

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

PRODUCT DESCRIPTION

BASIC USES

Detail Sealant PW™ is designed for filling minor cast concrete cracks, concrete masonry cracks, gaps at head joints, penetrations, and gypsum sheathing joints. Detail Sealant PW can be applied to poured concrete, precast concrete, concrete masonry, metal, wood, and Polyguard Membrane Systems. Typical applications include filling tie holes, minor voids and wall surface planes, completing membranes or transition joints to provide a continuous smooth surface and/or continuous barrier protection. (Note: Detail Sealant PW is an equal replacement for Hole Filler and may also be used with Polyguard Membrane Systems).

When using below-grade as a component of the Polyguard Waterproofing Systems, Detail Sealant PW can be applied to voids in subterranean concrete, concrete masonry, and wood structures to prevent the way of positive-side water pressure.

Detail Sealant PW may be applied in ambient temperatures from 25°F (-3°C) up to 110°F (44°C). (Cure times may vary relative to temperature).

COMPLIANCES

Conforms to ASTM C920, Type S, Grade NS, Class 50, Use T, NT, I, G.

COMPOSITION & MATERIALS

Detail Sealant PW™ is a single component, STPE, 100% solid moisture-cured, elastomeric sealant. It is an environmentally-friendly, non-isocyanate product that replaces silicone and urethane sealants. It is a low VOC/HAPS free, cold-applied, self-adhesive, elastomeric sealant.

TECHNICAL DATA

See physical properties table

INSTALLATION

SURFACE PREPARATION

A clean, dry and sound surface is required. Remove any loose materials or particles before application. Surface must be free of frost or ice.

PRIMING

No priming is necessary. Detail Sealant PW can be applied directly to the substrate.

Alternate: Detail Sealant PW is compatible with Polyguard Membrane Systems.

Product Data Sheet

APPLICATION

Apply Detail Sealant PW™ to fill tie holes, minor surface defects, voids, gaps, or transition joints. Transition joints shall be applied like a caulk making sure product is injected into the joint as well as applied to the surface. Honeycombed concrete is not considered a minor void and must be filled by some other means. Use this product with adequate ventilation. Detail Sealant PW is tack-free in less than an hour and cured in 24 hours at 75°F (24°C) and 50% RH. It is permissible and cost effective to detail after Polyguard Membrane Systems installation.

PAINTING

Detail Sealant PW may be painted with most industrial and consumer paints. Testing prior to painting is recommended.

CLEAN-UP

Use citrus-type hand washes for personal hygiene, and immediately use mineral spirits for tools and equipment.

PROTECTION

Non-yellowing and UV resistant for up to 1 year.

STORAGE

For maximum shelf life, store unopened product at or below 80°F (27°C). Shelf life for pails is 6 months and sausage packs is 24 months.

SAFETY

SDS documents for all Polyguard products can be obtained at our website www.polyguard.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 twelve (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.

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Email: archtech@polyguard.com

Website: www.polyguard.com

PROPERTY	TEST METHOD	TYPICAL VALUE
TENSILE STRENGTH	ASTM D 412	225 PSI
ELONGATION	ASTM D 412	275%
AIR LEAKAGE & DURABILITY	ASTM E 2357	0.0002 CFM/ft ²
NAIL SEALABILITY	ASTM D 1970	Pass
COLD TEMP FLEXIBILITY	ASTM D 1970	Pass
PENETRATION – SHORE A	ASTM C 661	36
SKIN TIME		Less than an hour @ 75°F and 50% RH
LAP SHEAR		275 PSI
LOW TEMPERATURE FLEXIBILITY		Properties retained to -75°F
SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS	ASTM E 84	Flame Spread: 35 Smoke Development: 15
ULTRAVIOLET RADIATION (UV) RATING	ASTM G 26	2000+ hours UV-A no change in appearance or physical properties
SOLIDS	ASTM D 2369	100%
VOLATILE ORGANIC COMPOUNDS (VOC)		9 g/l VOC

PACKAGING	PART NUMBER	UNIT SIZE
DETAIL SEALANT PW™	DETAIL SEALANT PW – SAU 20 OZ	20 sausages/ctn
DETAIL SEALANT PW™	DETAIL SEALANT PW – 3 GAL	3-gallon pail

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