



### Product Description

POLY-CAULK® PX 15GG is an elastomeric, low-modulus, one component, moisture-curing, non-sag, polyurethane sealant. The product requires no mixing and typically requires no priming to bond to many materials, including concrete and masonry.

### Typical Uses

POLY-CAULK® PX 15GG has very good adhesion to most construction materials. It is particularly recommended for expansion joints between precast concrete panels and seams on wooden, aluminum, and PVC joinery. POLY-CAULK PX 15GG is highly recommended for bonding concrete and baked clay roof tiles. The product is designed for the civil and industrial construction markets.

### Features

- Ready to use and easy to gun and tool/No mixing and speeds application.
- Low VOC content/Approved in all 50 states for use.
- +/- 35% joint movement capability/Maintains flexibility in moving joints
- No primer required for most construction materials/ Cost reduction.
- Maintains excellent weather resistance/Gives long lasting joint seal.
- Delivers a practical service temperature range/Can be used in all climates.
- Packaged in cartridges, sausages, and in bulk/Jobsite waste is reduced.
- Superior bonding/Long lasting baked clay roof tile application..

### Color

White, Gray

### Packaging

10.1 Oz. (300 mL) Cartridges (12/Carton)

20 Oz. (592 mL) Sausages (12/Carton)

### Surface Preparation

Substrate must be clean, dry, and free of dust and grease. Be sure interfaces are free of curing compounds and/or saw residue.

### Shelf Life

When stored indoors and in original, unopened containers at temperatures between 40° - 95° F (4° - 35° C), shelf life is one year from date of manufacture, except for pails and drums, which have a shelf life of six months.

### Technical Data (Based on Draw Down Film)

<b>Tensile Strength, ASTM D412</b>	180 psi 1.24 MPa
<b>Elongation, ASTM D412</b>	903%
<b>Tear Strength, ASTM D624</b>	42.2 pli 7.39 kNm
<b>Shore A Hardness, ASTM C661</b>	30-40
<b>Specific Gravity @68°F (20°C)</b>	1.31
<b>Movement Capability, ASTM C719</b>	±35
<b>Weathering Resistance, ASTM C793</b>	Excellent
<b>Stain and Color Change, ASTM C510</b>	Pass
<b>Substrate Staining</b>	None
<b>UV Resistance</b>	Good
<b>Application Temperature</b>	41° - 104°F (5° - 40°C)
<b>Service Range</b>	-40° to 180°F (-40° to 82.2°C)
<b>Rheological Properties, ASTM C639</b>	Pass
<b>Peel on Aluminum-Dry, ASTM C794</b>	23 pli, c.f.
<b>Peel on Glass-Dry, ASTM C794</b>	28 pli, c.f.
<b>Peel on Concrete Mortar-Dry, ASTM C794</b>	25 pli, c.f.
<b>Tack-Free, ASTM C679</b>	165 minutes
<b>Final Cure</b>	4 - 7 days
<b>Paint Compatability</b>	Water-Based Compatible Check for Solvent-Based Compatible
<b>VOC Content</b>	96 g/L

### Coverage

This chart shows the approximate number of lineal feet that can be sealed per gallon.

		Width of Joint						
		1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Depth of Joint	1/4"	308	205	154	122			
	3/8"				82	68	58	51
	1/2"					51	44	38

When estimating, figure 11 cartridges/gal. (3 cartridges/L).

Cubic in./gal. – 231 (1000 cm3)

Cubic in./cartridge – 21 (344.13 cm3)

For triangular cross-section joints:

1/4" (6.35 mm) each side – 616 linear ft./gal. (49.6 m/L)

1/2" (12.7 mm) each side – 154 linear ft./gal. (12.4 m/L)

3/4" (19.1 mm) each side – 68 linear ft./gal. (5.5 m/L)



## Specifications/Standards

- ASTM C920-11, Type S, Grade NS, Class 35, Use T1, T2, NT, O, M, G, A
- Federal Specification TT-S-00230C, Type II, Class A
- USDA compliant for use in meat and poultry areas
- ISO 11600-F-25LM
- Complies all U.S. VOC regulations, including National EPA VOC
- Emission Standard for Architectural Coatings, CARB, SCAQMD,
- Maricopa County, Colorado AIM, Utah Department of Air Quality,
- LADCO, and OTC Phase I and II

## Application

POLY-CAULK® PX 15GG can be applied with a manual or pneumatic caulking gun. Use typical joint sealing practices and proper joint design of 2:1 width to depth ratio when applying. Horizontal joints require a minimum of 1/4" (6.4 mm) depth and maximum 1/2" (12.7 mm) depth. Condition material to 65° - 75° F (18.3° - 23.9° C) before using. After application, the product can be smoothed with a damp knife.

## Cleanup

Application tools can be cleaned with toluene or xylene before curing. Afterwards, mechanical cleaning will be required. Check local, state, and federal laws before disposing of material.

## Precautions

Check for compatibility to materials and working techniques not outlined above. POLY-CAULK® PX 15GG must be fully cured prior to installation of other materials over the product. Do not apply on wet substrates. Do not apply at temperatures outside application temperature range. (See physical properties chart.)

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