



# WP-51 Polyurethane Sealant

### Description

WP-51 Polyurethane Sealant is a one-component, polyurethane sealant that provides excellent adhesion to plywood, metal, glass, aluminum, FRP and most common construction substrates. WP-51 has a fast cure time with high bonding strength and excellent weatherability and is non-staining, paintable, sandable and permanently elastic.

### Uses

WP-51 is used anywhere a polyurethane sealant is required. It is regularly used in conjunction with bonderized flashing, for sealing all seams and overlaps.

### Advantages

Fast Drying • Excellent Elongation • Paintable • Easy-to-gun • Permanently flexible

Product Data			
<b>Packaging</b>	10 fl. oz. Cartridges 20.29 fl. oz Sausages	<b>Color</b>	Gray
<b>Coverages</b>	~25 LF @ 1/4" x 1/4" bead (10 fl. oz. cartridge) ~50 LF @ 1/4" x 1/4" bead (20.29 fl. oz Sausages)	<b>Shelf Life</b>	10 oz: 1 year in unopened packaging 20.29 oz: 2 years in unopened packaging
<b>VOC</b>	49 gm/l		

### Inspection

Surface must be structurally sound, dry and free of laitance, oil, grease, curing agents, dirt, dust or other foreign material that may prevent proper adhesion.

### Preparation

Clean the surface by wire brushing or sandblasting. Grind back any coatings down to the concrete. Please refer to the desired System Specification Sheet for further information regarding Preparation. Surface should be prepared per industry standard.

### Applying Product

Apply with a professional caulking gun, smooth with a putty knife or joint tool as needed.

### Dry Time

Tack Free in ~20-25 min (73.4°F and 50% R.H). Total cure time is ~24 hours.

### Clean Up

Uncured material should be cleaned with an environmentally-safe solvent. Cured material should be removed mechanically or with an environmentally-safe solvent.

DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.



**WP**

**WATERPROOF**  
RELIABLE MOISTURE BARRIERS

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### Limitations

- Do not apply to wet surfaces.
- Store in cool and dry conditions.
- Always test adhesion of sealant on substrate.
- Do not allow any Westcoat products to freeze.
- Do not apply when ambient or substrate temperatures are below 50°F or above 90°F. Hot or cold weather will affect dry times.

### Health Precautions

Inhalation of vapor or mist can cause headache, nausea irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation.

### Technical Data

Technical Data	WP-51 Polyurethane Sealant
Color	Gray
Basis	Polyurethane
Density	1,20 ± 0,03 g/ml
Tack Free Time	20-25 min (73.4°F and 50% R.H)
Curing Rate	Min. 3mm/day (73.4°F and 50% R.H)
Sagging	0 mm
Temperature Resistance	-40°F to ±194°F
Application Temperature	50°F to 90°F
Hardness Shore A (28 days)	45-50
Elongation at break (ASTM D412)	Min. 400%
Tensile Strength	1.5-2.0 N/mm <sup>2</sup>
Paintability	Yes*

\*All paints should be tested for compatibility before application.

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