

**westcoat**<sup>®</sup>

**PRODUCT  
SPECIFICATION**

**WP**

**WATERPROOF**  
RELIABLE MOISTURE BARRIERS

## **WP-53 Hybrid Sealant**

### **Description**

WP-53 Hybrid Sealant is a one-component, modified hybrid silicone sealant that provides excellent adhesion to plywood, bonderized sheet metal and other common construction substrates. WP-53 has a fast cure time with high bonding strength and excellent weatherability. WP-53 is non-staining, paintable and provides lasting elastomeric properties. WP-53's unique formulation enables it to be used with asphaltic materials.

### **Uses**

WP-53 is used anywhere a modified silicone sealant is required. It is regularly used in conjunction with bonderized flashing, for sealing all seams and overlaps. WP-53 is commonly used in the ALX and MACoat Systems. It is compatible with WP-40 Sheet Membrane and WP-95 Waterproofing Membrane.

### **Advantages**

Asphalt Compatible • Fast Drying • Excellent Elongation • Paintable • Easy-to-gun • Outstanding Water and Weather Resistance • High Bond Strength

### **Product Data**

<b>Packaging</b>	9.8 fl. oz. Cartridges (24 units per case)	<b>Color</b>	Gray
<b>Coverages</b>	~23 LF @ 1/4" x 1/4" bead	<b>Shelf Life</b>	1 year 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, sanding or grinding. Grind back any coatings down to the concrete or plywood substrate. Please refer to the desired System Specification Sheet for further information regarding Preparation. Surface should be prepared per industry standard.

### **Applying Product**

WP-53 comes ready to use. Cut tip to desired bead thickness. Puncture seal and apply with a professional caulking gun, smooth with a putty knife or joint tool as needed. It is recommended to use any open cartridge the same day as being opened. During use, avoid entrapping air and overlapping material.

### **Dry Time**

Tack Free in ~60-65 min (72°F and 48% R.H). Total cure time is ~24 hours. Lower temperatures and lower relative humidity will increase dry times. Westcoat cements, SC-10 Acrylic Topcoat and WP-95 Waterproofing Membrane may be applied after the WP-53 is tack free or ~60-65 min (72°F and 48% R.H). Do not coat over the WP-53 if not fully dry.

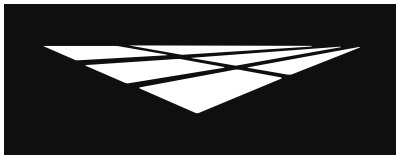
DISCLAIMER: PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST THE MANUFACTURER OF WESTCOAT, SHALL BE LIMITED SOLELY TO THE REPLACEMENT OF ANY DEFECTIVE MATERIAL OR A PAYMENT BY THE MANUFACTURER IN AN AMOUNT EQUAL TO THE COST OF THE ORIGINAL MATERIAL.



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### **Clean Up**

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

### **Limitations**

- Do not apply to wet surfaces.
- Not recommended for continuous water immersion applications.
- Store in cool and dry conditions.
- Always test adhesion of sealant on substrate.
- If applying coating over the WP-53, verify adhesion before proceeding with application.
- 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**

<b>Technical Data</b>	<b>WP-53 Hybrid Sealant</b>
Color	Gray
Basis	Hybrid Silicone Polymer
Density	1.40 ± 0.10 g/cm <sup>3</sup>
Tack Free Time	~60-65 min (70.0°F and 48% R.H)
Curing Rate	Min. 3.5mm/day (73.4°F and 50% R.H)
Sagging	0 mm
Temperature Resistance	40°F to ±113°F
Application Temperature	50°F to 90°F
Hardness Shore A (28 days)	38
Elongation at break (ASTM D412)	1008
Tensile Strength	2.2 MPa
Paintability	Yes*

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

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