westcoat®
SPECIALTY COATING SYSTEMS

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, metal, glass, aluminum, FRP and most common construction substrates. WP-53 has a fast cure time with high bonding strength and excellent weatherability and is non-staining, paintable, sandable and permanently elastic. WP-53 is compatible for use with the WP-95 Waterproofing Membrane and WP-40 Sheet Membrane.

Uses
WP-53 is used anywhere a modified silicone sealant is required. It is regularly used in conjuction with bonderized flashing, for sealing all seams and overlaps. WP-53 is commonly used in the ALX and MACoat Systems.

Advantages
Fast Drying ▪ Excellent Elongation ▪ Paintable ▪ Easy-to-gun ▪ Permanently flexible ▪ Excellent Water and Weather Resistance

Product Data

Packaging	9.8 fl. oz. Cartridges	**Color**	Gray
Coverages	~25 LF @ 1/4″ x 1/4″ bead (9.8 fl. oz. cartridge)	**Shelf Life**	1 year in unopened packaging
		VOC	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 ~60-65 min (70.0°F and 48% 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.

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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.
- 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, nauseua irritation of nose, throat and lungs. Prolonged or repeated skin contact can cause slight skin irritation.

Technical Data

Technical Data	WP-53 Hybrid Sealant
Color	Gray
Basis	Hybrid Silicone Polymer
Density	1.40± 0.10 g/cm^3
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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4007 Lockridge St ▪ San Diego, CA 92102
800-250-4519 ▪ Fax 619-255-7187 ▪ westcoat.com