

POLYFLASH® SEBS

ULTRA CLEAR MULTIPURPOSE SEBS SEALANT

PRODUCT DESCRIPTION

Polyflash SEBS is a superior quality, high solids, one-component, thermoplastic joint sealant and adhesive, designed to form a tough and flexible bond between like and dissimilar materials. Polyflash SEBS has excellent bonding capability and provides permanent adhesion to many materials found in roofing and solar installations.

USES

Polyflash SEBS is designed to be used at various moving joints such as but not limited to counter flashings, expansion and control joints, metal roofing, door thresholds and window sills, precast concrete joints, masonry, and metal flashings. It exhibits tenacious adhesion to a wide variety of substrates including roof tile, asphalt shingles, EPDM, PVC, TPO, acrylics, aluminum, steel, vinyl, fiberglass, glass, concrete, wood and many plastics.

FEATURES AND BENEFITS

- Ultra Clear
- Cold weather application
- Can be applied to damp surfaces (not standing water)
- Fast setting
- Permanently elastic in a broad temperature range (-40 – 200°F)
- Superior UV resistance and weathering
- Paintable
- Mildew resistant
- Low shrinkage

TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Chemistry	Thermoplastic Elastomeric	
Viscosity (cps @ 10rpm)	222,000	ASTM D2196-10
Density (g/cc)	0.90 ± 0.02	
Hardness (Shore A)	35 ± 5	
Skinover time @ 50% RH/70°F	20 min	ASTM C679
VOC's (g/L)	322	EPA Test Method 24
Elongation at Break (%)	> 500	ASTM D412
Tensile Strength (psi)	> 350	ASTM D412
Movement Capacity	± 25	ASTM C719

APPLICATION INSTRUCTIONS

Surface Preparation:

Prepare all surfaces prior to material installation. All surfaces must be structurally sound and free of foreign materials including but not limited to dirt, tar, oil, grease, loose paint, wax and other contamination from adjacent working surfaces. Maintain Polyflash SEBS at room temperature before applying to ensure easy gunning and tooling. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within twenty minutes of application. As you move from surface to surface, test and evaluate to ensure adequate adhesion. Cleaning of metal, glass or plastic surfaces should be done using a solvent wipe procedure or by mechanical means. Using detergent or soap is not recommended.



APPLICABLE STANDARDS

- Federal Specification TT-S-00230-C Type II, Class A

PACKAGING

- 10.1 oz cartridges (24 cartridges per case)

COLORS

Transparent



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Priming:

In most applications Polyflash MPS Clear will not require a primer. However, certain substrates may require a primer to ensure a long-lasting bond and weatherproof seal. It is the applicator's responsibility to determine whether or not a primer is needed in their specific application.

Storage and Cleaning:

- Store in original, unopened containers, at temperatures between 60°F – 80°F.
- Recommended shelf life is 24 months from date of manufacture on bottom of tube.
- Keep tube tightly sealed. Dispose of contents/container in accordance with Local/Regional/National/International Regulations. Refer to Safety Data Sheet (SDS) for further information.
- Clean tools and any uncured material with isopropyl alcohol, naphtha, or MEK. Cured material must be removed mechanically, then wiped with one of the previously listed solvents.

PRECAUTION

This sealant contains Xylene. Keep away from open flames or excessive heat. Avoid prolonged breathing of vapors. If product gets on your skin, remove with solvents then rinse with clean water. Use with adequate ventilation. Consult the SDS for additional information on safety.

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
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Customer Service: (800) 222-9782

Technical Service: (866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us



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