

### PRODUCT INFORMATION

**UNIFLEX™ MS Hybrid Black Roofing Sealant** is a premium moisture curing, non-solvent, hybrid bonding sealant specially designed for roofing applications and membrane systems. Remains flexible, will not crack, and will not shrink during cure. UNIFLEX MS Hybrid Roofing Sealant can be applied in damp conditions and withstands ponding water. Adheres to EPDM, aged TPO, aged PVC, metal and other common roof substrates.

### RECOMMENDED USES

As a lap sealant and for sealing around through-roof projections, termination points, flashings, scrim edges, etc

### PRODUCT CHARACTERISTICS

Color.....Black  
 Vehicle.....MS Hybrid  
 Dry Time  
   Tack Free (ASTM C679).....40 min  
   Cure Time.....4 days  
 VOC.....< 1% wt  
 Shelf Life.....1 year  
 Grade.....Gun grade consistency

### PACKAGING

SMIS#	FILL/COLOR
6504-33097	10 oz cartridge, Black

### PERFORMANCE CHARACTERISTICS

#### **Dry Adhesion(lbf)**

Aluminum.....14.51/100c  
 Brick.....15.51/90c  
 Concrete.....13.41/100c  
 EPDM.....8.87/100c  
 Galvanized Steel.....13.79/100c  
 Glass.....13.78/100c  
 Luan(Wood).....10.99/65c  
 Shingle.....6.39/100a sf  
 Steel.....13.48/100c  
 Tile.....14.29/100c  
 Vinyl.....13.15/95c

### PERFORMANCE CHARACTERISTICS CONT'D

Tensile at Peak (psi).....248  
 Elongation at Break (%).....324%  
 Type "A" Hardness.....35

### SAFETY PRECAUTION

Refer to the MSDS sheet before use

Published technical data and instructions are subject to change without notice. Contact your UNIFLEX representative for additional technical data and instructions.

### LIMITATIONS

- A primer is required for new TPO or PVC membranes
- Do not use UNIFLEX MS Hybrid Black Roofing Sealant on white EPDM

### THEORETICAL YIELD Per 10 fl oz cartridge

JOINT SIZE	LINEAR FEET
1/4"-1/4"	24.1
1/4"-3/8"	16.0
1/4"-1/2"	12.0
1/2"- 3/8"	8.4
1/2"-1/2"	6.0
3/4"-1/2"	4.0

### SURFACE PREPARATION

Refer to System Specifications for UNIFLEX® detailed surface preparation requirements by roof type.

For best results, ensure surfaces are clean, dry, sound and frost-free.

Primer not required on most surfaces. On new TPO and PVC membrane applications, a primer is required.

**APPLICATION CONDITIONS**

Application Temperature.....30°F to 120°F  
Service Temperature..... -40°F to 200°F

**APPLICATION PROCEDURES**

**APPLICATION/TOOLING:** Cut tip of nozzle to required width of bead and puncture foil seal. Place cartridge in gun and apply with steady pressure. Press membranes together to allow sealant to spread out and around the seam. Tool into seams and cracks immediately after application. For best results, remove dust, dirt, and loose material. Surfaces should be clean.

**CLEANING**

Remove UNIFLEX Hybrid Roofing Sealant from gun and tools before it cures. It must be done by scraping and use of solvents such as MEK (lacquer thinner) , xylene, Toluol, or chlorinated solvents. Cured materials may be removed by cutting with sharp tools. Observe manufacturer's precautions when using toxic or flammable solvents.

**DISCLAIMER**

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of UNIFLEX™ Fluid Applied Roof Systems — A Business Unit of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your UNIFLEX™ representative to obtain the most recent Product Data Information and Application Bulletin.

**WARRANTY**

This product is manufactured of good materials and by competent workmen. Seller and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use or the inability to use the product for his/her intended use; and user assumes all risk and liability.