

## WATERBLOCK FOIL FACE 40 mil

### Product Description

WaterBlock Foil Face 40 is a multi-purpose self-adhesive membrane composed of SBS modified bitumen and a high strength composite reinforcement, self-protected by an aluminum surface film. Designed to be left exposed.

### Uses

Especially designed to waterproof details around windows, vents, chimney bases, ventilation units, air vents, skylights, dormers, glass roofs, ridges, roof valleys, siding and metal roofs.

**OTHER USES:** Eaves troughs, ducts/pipes, cracks, mobile homes, campers, motor vehicles, trailers, truck bodies, sheds, cabs/bodies of heavy machinery and boats.

### Availability

**Sizes:**  
13" and 39" Roll Widths by 33' length.  
Custom Widths Available.

**Thickness:**  
40 mil

### Core Types

**SBS Modified Bitumen:**  
Best adhesion Temp 50°F or above,  
Service Temp to 194°F

### Storage

Can Support storage temperature below 32°F but must be reconditioned 24 hours at minimum 50°F before it's use.

### Health and Safety

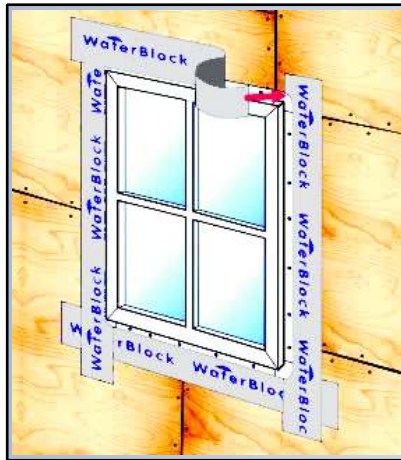
Please refer to the MSDS for First Aid Information. Most current MSDS's can be found on the WaterBlock website at [www.waterblocksystems.com](http://www.waterblocksystems.com) or call customer service at 1-888-610-2151.

### Warranty (10 year Limited)

Please refer to the warranty on our website at [www.waterblocksystems.com](http://www.waterblocksystems.com) for more detailed information on our 10 year limited warranty.

### Manufacturer

**International Building Components, Inc.**  
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Monroe, WA, 98272 USA  
Telephone - (360)794.2151  
Fax - (360)863.8434  
Toll Free - 1.888.610.2151  
Web - [www.waterblocksystems.com](http://www.waterblocksystems.com)



### FEATURES

**Top Face**  
Aluminum Film

**Core**  
Premium grade  
S.B.S modified bitumen

**Under Face**  
Release silicone film

### BENEFITS

Superior strength and tear resistance  
Very Flexible (Makes flashing tough areas easy)  
Stays Flexible even at cold temperatures  
Superior UV Resistance  
Designed to be left exposed

Higher service temperatures 194°F  
Self sealing around most fasteners  
Excellent adhesion to most surfaces

Fast and easy continuous release  
Does not rip and tear like release paper  
Inorganic film eliminates a potential source for mold and mildew

### Properties

| Properties                         | Standards              | 40mil  |
|------------------------------------|------------------------|--|
| Thickness                          | -                      | 40mil  |
| Dimension                          | -                      | 13", 39" x 33'   |
| Storage                            | -                      | Upright on Pallets<br>Protect from Elements<br>Silicone release film |
| Under face                         | -                      | Aluminum film  |
| Top face                           | -                      | 26.6 / 26.6 lb/in  |
| Tensile strength, MD/XD (kN/m)     | ASTM D5147             | 210 / 210%   |
| Ultimate elongation, MD/XD (%)     | ASTM D5147             | -4 °F  |
| Cold bending (°C)                  | ASTM D5147             | 4.5 / 7.9 lb   |
| Tear resistance, MD/XD (N)         | ASTM D5601             | 13.7 lb/in   |
| Peel Resistance                    | ASTM D903              | 0.1 max.   |
| Water absorption (%)               | ASTM D5147             | < 0.90 (< 0.016 perm)  |
| Water Vapor permeance (ng/Pa-s-m2) | ASTM E96 (Procedure B) | < 0.0003   |
| Air permeability (L/sec-m2)        | ASTM E283 (75 Pa)      | 95 (203°F)   |
| Softening point (°C)               | ASTM D36               | 90 (194°F)   |
| Compound Stability (°C)            | ASTM D5147             |  |

(All Values are nominal)

### Fully Adhered Installation

**The WaterBlock membranes are applied directly to the primed substrates.**

1. Clean and dry the substrate
2. Prime the substrate with **ELASTOCOL STICK**, using a brush or roller.
3. Allow the Primer to dry. Primed substrates must be covered the same day.
4. Unroll, align and cut the membrane into required lengths.
5. Peel back about 6 inches of release sheet.
6. Position the membrane, apply it to the substrate continuing to peel back the release sheet.
7. When the full length of membrane is installed, press firmly with roller to avoid any air pockets