

WaterBlock 25 mil. Technical Data Sheet

PRODUCT DESCRIPTION

Composed of premium grade SBS modified bitumen laminated between a super strong, yet very flexible, UV resistant woven polyethylene complex on the face side, and a silicon release, siliconized plastic release film on the back side. Creates the **MOST VERSATILE SELF SEALING Waterproof Flashing Membrane AVAILABLE**, allowing for both **STICK ON** or **NAIL ON** installations.

AVAILABILITY

Sizes:

4" , 6" , 9" , 12" , 18" , and 36" Roll Widths by 75' length

Thickness:25 mil

CORE TYPES

SUMMER:

Best adhesion Temp 50°F or above,
Service Temp to 194°F

WINTER:

Best adhesion Temp 14°F or above,
Service Temp to 194°F

WARRANTY (10 YEAR LIMITED)

Please refer to the manufactures 10 year limited warranty.

FEATURES

Top Face

Polyethylene

Woven Complex

Core

Premium grade

S.B.S modified bitumen

Under Face

Release silicone film installations

BENEFITS

Superior strength and tear resistance

Stays Flexible even at cold temperatures

Superior UV Resistance (120 day exposure)

Higher service temperatures

194°F on summer and winter grade products

Self sealing around most fasteners

Excellent adhesion to most surfaces

Release silicone film

Allows for nail on or peel and stick

Slit Release Film. Peel off any width for fast & easy installations

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

Thickness

Dimension

Storage

Under face

Top face

Tensile strength, MD/XD (kN/m)

Standards

-

-

-

-

-

-

ASTM D5147

25 mil

25mil

4", 6,9,12,18,36

Upright on

Pallets

Protect from

Elements

Release silicone

plastic film

Polyethylene

woven complex

11.3 /15.4 (64/

Ultimate elongation, MD/XD (%)	ASTM D5147	88 lb/in.) 52 / 24
Cold bending (°C)	ASTM D5147	-35 (-31 °F)
Static puncture (N)	ASTM D5602	400 (90 lb)
Tear resistance, MD/XD (N)	ASTM D5601	375 / 400 (84 / 90 lb)
Lap adhesion (N/m)	ASTM D1876	2000 (11.4 lb/in.)
Water absorption (%)	ASTM D5147	0.1 max.
Water Vapor permeance (ng/Pa·s·m ²)	ASTM E96 (Procedure B)	.92 (0.017 perm)
Air permeability (L/sec·m ²)	ASTM E283(75 Pa)	< 0.007
Softening point (°C)	ASTM D36	95 (203°F)
Compound Stability (°C)	ASTM D5147	90 (194°F)
(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 H20** or **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

Please refer to the MSDS for First Aid Information.

