

Data Sheet

GreenWeld™ PVB

Flashing Membrane



PRODUCT OVERVIEW & FEATURES

GreenWeld PVB is made up of an aluminum mesh reinforcement bonded with a monolithic layer of modified polyvinyl butyral (PVB). The membrane provides excellent waterproofing protection and strength while maintaining flexibility even in temperatures as low as -4°F (-20°C). Not only is it flexible, but it's also easy to heat-weld, so application is hassle-free.

GreenWeld PVB delivers reliable waterproofing in a variety of applications, including:

- Flashing pipe penetrations and support beams
- Water barrier for cavity walls and beneath casings
- Connection between outside walls and extensions
- Liner for gutters
- Protection for ridges on sloped roofs
- Liner for valleys of shingle, tile and aluminum metal roofs
- Joint between dormers and skylights
- Through-wall flashings

LIMITATIONS & PRECAUTIONS

Use only approved sealants with GreenWeld. Use hot air welding gun in accordance with manufacturer instructions, do not use open flames.

APPLICATION

Tools required for GreenWeld PVB application can include: sharp scissors for cutting material, hot air welding gun, hand roller (steel or neoprene). Application also requires approved sealant. GreenWeld PVB is packaged with a release liner on each side of the membrane, 2" grid printed on the release membrane makes pre-measuring pieces easy.

To begin installation, place beads of approved sealant on substrate at 12" O.C. Press GreenWeld PVB into sealant with a hand roller to ensure full contact with the material. Heat weld seams together with a hot air welding gun and a flat angled tip set at manufacturer's recommended heat settings. Seal all open edges and seams with approved sealant.

Installation steps will depend on the specific application, see application guide for more details.

PACKAGING & SIZES

GreenWeld PVB is available in 19.5 ft. rolls. Available in three widths: 10 in., 20 in., 39 in.

DATA & TESTING

| | |
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| Color | Light Grey |
| Weight | 0.85 lbs/ft ² |
| Reinforcement | Metallic (Aluminum) |
| Nominal Thickness D 751, Micrometer | 110 mils |
| Thickness Over Reinforcement | Approx. 40 mils |
| Reflectance, initial C 1549 | 0.21 |
| Thermal Emittance, initial C 1371 | 0.97 |
| SRI, initial E 1980 | 23 |
| Compound Stability D 5147 | Passed 225°F |
| ASH content, polymer only | 3.18% |
| Breaking Strength, (lbf) D 751, proc. B - strip | MD – 83 XD – 170 |
| Tearing Strength, min. lbf D 751 | MD – 46 XD – 43 |
| Low Temperature Bend (°F) D 2136 | -60°F Pass |
| Puncture Resistance (lbs) D 751 | 52 |
| Seam Strength, min., lbf D 751, Grab Method | 150 |
| Permeability E 96, Proc. B | 0.0095 perms |
| Fungi Resistance G 21 | Passed Zero Growth on 28 days |



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