



DURA-SKRIM[®] 6BB, 6WB & 6WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



PRODUCT DESCRIPTION

DURA-SKRIM[®] 6BB, 6WB & 6WW are economical, reinforced films designed for applications requiring puncture resistance and high tear strengths. A heavyduty scrim reinforcement, laminated between two layers of high-strength polyethylene film, results in a material that resists punctures and immediately stops tears. The addition of carbon black and ultra violet inhibitors to DURA-SKRIM[®] 6BB, 6WB and 6WW, respectively, increases outdoor longevity. DURA-SKRIM[®] 6 is the first choice for applications requiring greater performance than common 6 and 10 mil plastic sheeting.

APPLICATIONS

- ▶ Construction Site Covers
- ▶ Temporary Erosion Control
- ▶ Lumber Covers
- ▶ Shipping Covers
- ▶ Pallet Covers
- ▶ Remediation Covers
- ▶ Cargo Wraps
- ▶ Insulation Membranes
- ▶ Building Enclosures
- ▶ Concrete Curing Covers
- ▶ Silage Covers
- ▶ Temporary Walls
- ▶ Fumigation Covers
- ▶ Crawlspace Encapsulation

PRODUCT USE

DURA-SKRIM[®] 6BB, 6WB & 6WW are used in short to mid-term applications requiring a light weight, tear-resistant, reinforced film. The white side of DURA SKRIM[®] 6WB and 6WW are excellent choices for covering applications that require minimal heat build up and condensation.

SIZE AND PACKAGING

DURA-SKRIM[®] 6BB, 6WB & 6WW are available in a variety of widths and lengths. Panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

DURA-SKRIM®

SPECIFICATIONS

| PROPERTIES | TEST METHOD | DURA-SKRIM® 6BB | | DURA-SKRIM® 6WB | | DURA-SKRIM® 6WW | |
|---------------------------------------|-------------------------|--|--|---|--|--|--|
| | | IMPERIAL | METRIC | IMPERIAL | METRIC | IMPERIAL | METRIC |
| Appearance | | Black/Black | | White/Black | | White/White | |
| Thickness/Nominal | | 6 mil | 0.15 mm | 6 mil | 0.15 mm | 6 mil | 0.15 mm |
| Weight | | 24 lbs/MSF 3.5 oz/yd ² | 117 g/m ² | 27 lbs/MSF 3.9 oz/yd ² | 132 g/m ² | 28 lbs/MSF 4.0 oz/yd ² | 137 g/m ² |
| Construction | | Extrusion laminated with scrim reinforcement | | | | | |
| ² 1" Tensile Strength | ASTM D7003 | 60 lbf/in | 105 N/cm | 60 lbf/in | 105 N/cm | 60 lbf/in | 105 N/cm |
| ² Elongation at film Break | ASTM D7003 | 500 % | 500 % | 500 % | 500 % | 500 % | 500 % |
| ² Grab Tensile | ASTM D7004 | 75 lbf | 333 N | 75 lbf | 333 N | 75 lbf | 333 N |
| ¹ Trapezoid Tear | ASTM D4533 | 45 lbf | 200 N | 45 lbf | 200 N | 45 lbf | 200 N |
| Mullen Burst | ASTM D751 | 50 psi | 345 kPa | 50 psi | 345 kPa | 50 psi | 345 kPa |
| Maximum Static Use Temperature | | 180° F | 82° C | 180° F | 82° C | 180° F | 82° C |
| Minimum Static Use Temperature | | -70° F | -57° C | -70° F | -57° C | -70° F | -57° C |
| WVTR | ASTM E96 Procedure B | 0.018 grains/ (100in ² -day) | 0.0293 g/(m ² -day) | 0.018 grains/ (100in ² -day) | 0.293g/ (m ² -day) | 0.018 grains/ (100in ² -day) | 0.293g/ (m ² -day) |
| Perm Rating | ASTM E96 Procedure B | 0.042 Perms grains/(ft ² -hr-in Hg) | 0.028 Perms g/ (24hr-m ² -mm Hg) | 0.042 Perms grains/ (ft ² -hr-in Hg) | 0.028 Perms g/(24hr-m ² -mm Hg) | 0.042 Perms grains/(ft ² -hr-in Hg) | 0.028 Perms g/(24hr-m ² -mm Hg) |

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

Hydraulic conductivity values are derived from permeability data.
R6BB, R6WW, and R6WB = 3.21 x 10⁻¹⁰ cm/sec.

DURA-SKRIM® 6BB, 6WB & 6WW are four-layer reinforced extrusion laminates. The outer layers consist of a high-strength polyethylene. Carbon black in the 6BB and UV stabilizers in the 6WW increase longevity.

DURA-SKRIM® 6BB, 6WB & 6WW are reinforced with a heavy-duty scrim laid in a diagonal pattern spaced 3/8" apart.

DURA-SKRIM® 6WW meets or exceeds ASTM E-84 standard, Class "A" for surface burning characteristics of building materials.

NOTE: The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

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