

# DURA♦SKRIM®

## 8BB, 8WB, 12BV, & 12WB



Temporary Rain Shed Cover

Product	Part #
Dura♦Skrim 8BB.....	R8BBR
Dura♦Skrim 8WB.....	F8WBK
Dura♦Skrim 12BV.....	R12BV
Dura♦Skrim 12WB.....	R12WBK

### APPLICATIONS

Cargo Coverings	Pit/Pond Liners
Interim Landfill Covers	Underslab Vapor Retarders
Daily Landfill Covers	Temporary Earthen Liners
Temporary Erosion Control	Temporary Rainshed Covers
Divider Curtains	Remediation Covers or Liners

### Product Description

DURA♦SKRIM® 8BB, 8WB, 12BV and 12WB consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA♦SKRIM® 8WB and 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer layer is also designed to reduce heat build up and condensation. A heavy scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA♦SKRIM's heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.

### Product Use

DURA♦SKRIM® 8 and 12 are used in more demanding applications requiring high tear resistance. They perform well as medium weight liners or covers and meet or exceed ASTM E-1745 Class "C" standard as an underslab vapor retarder. Please inquire about DURA♦SKRIM® R8BV and R12BV for long-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for scrim reinforced geomembranes used in exposed, temporary applications.

### Size & Packaging

DURA♦SKRIM® 8BB, 8WB, are available in a variety of widths up to 125,000 square feet and up to 80,000 square feet in 12BV and 12WB. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

# Dura♦Skrim® 8BB, 8WB, 12BV, & 12WB

		DURA♦SKRIM 8BB & 8WB		DURA♦SKRIM 12BV & 12WB	
PROPERTIES	TEST METHOD	Imperial	Metric	Imperial	Metric
Appearance		Black/Black or White/Black		Black/Black or White/Black	
Thickness, nominal		8 mil	0.20 mm	12 mil	0.30 mm
Weight		38 lbs/MSF 2.8 oz./yd <sup>2</sup>	185 g/m <sup>2</sup>	58 lbs/MSF 8.4 oz./yd <sup>2</sup>	283 g/m <sup>2</sup>
Construction		Extrusion laminated with scrim reinforcement			
1" Tensile Strength	ASTM D7003	70 lbf/in	122 N/cm	75 lbf/in	131 N/cm
Elongation at Film Break	ASTM D7003	550 %	550 %	600 %	600 %
Elongation at Scrim Break	ASTM D7003	16 %	16%	18 %	18 %
Grab Tensile	ASTM D7004	80 lbf	356 N	100 lbf	445 N
*Tongue Tear	ASTM D5884	30 lbf	133 N	40 lbf	178 N
CBR Puncture Resistance	ASTM D6241	200 lbf	890 N	270 lbf	1201 N
Mullen Burst	ASTM D751	75 psi	517 kPa	100 psi	689 kPa
Maximum Use Temp.		180°F	82°C	180°F	82°C
Minimum Use Temp.		-70°F	-57°C	-70°F	-57°C
WVTR	ASTM E96 Procedure B	0.271 grains/(100in <sup>2</sup> •day)	0.274 g/(m <sup>2</sup> •day)	0.159 grains/(100in <sup>2</sup> •day)	0.161 g/(m <sup>2</sup> •day)
Perm Rating	ASTM E96 Procedure B	0.039 Perms grains/(ft <sup>2</sup> •hr•in Hg)	0.026 Perms g/(24hr•m <sup>2</sup> •mm Hg)	0.023 Perms grains/(ft <sup>2</sup> •hr•in Hg)	0.015 Perms g/(24hr•m <sup>2</sup> •mm Hg)

\*Tests are an average of diagonal directions.

**DURA♦SKRIM®** 8BB, 8WB, 12BV and 12WB are four-layer reinforced extrusion laminates. The black outer layers consist of a high-strength polyethylene film containing carbon black. The white sides contain UV and thermal stabilizers. **DURA♦SKRIM®** 8 and 12 mil are reinforced with a minimum of a 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with molten polyethylene.

**DURA♦SKRIM®** 8 and 12 both meet or exceed ASTM E-1745, Class "C" standard for water vapor retarders used in contact with soil or granular fill under concrete slabs.

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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