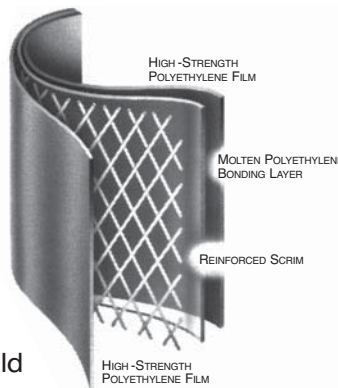


PRODUCT DESCRIPTION

DURA-SKRIM 8BB, 8WB, 12BB 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 8BB, 8WB, 12BB and **12WB** 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 a **DURA-SKRIM R8BV** and **R12BV** for long-term applications up to 5 years, meeting GRI-GM22 Standard Specifications.

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 **12BB** and **12WB**. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



Temporary Rain Shed Cover

PRODUCT	PART NUMBER
DURA-SKRIM 8BB	R8BBR
DURA-SKRIM 8WB	R8WBK
DURA-SKRIM 12BB	R12BBR
DURA-SKRIM 12WB	R12WBK

COMMON APPLICATIONS

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

PROPERTIES	TEST METHOD	DURA-SKRIM 8BB & 8WB		DURA-SKRIM 12BB & 12WB	
		English	Metric	English	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		40 lbs/MSF 5.8 oz./yd ²	197 g/m ²	54 lbs/MSF 7.8 oz./yd ²	264 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
1" TENSILE STRENGTH	ASTM D7003	52 lbf.	231 N	59 lbf.	263 N
ELONGATION AT BREAK	ASTM D7003	600%	600%	650%	650%
GRAB TENSILE	ASTM D7004	70 lbf	312 N	90 lbf	400 N
* TRAPEZOID TEAR	ASTM D4533	55 lbf	245 N	72 lbf	320 N
HYDROSTATIC RESISTANCE	ASTM D751	70 psi	482 kPa	100 psi	689 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C
PERMEABILITY					
WVTR	ASTM E96 Procedure B	0.030 g/100in ² /day	0.46 g/m ² /day	0.023 g/100in ² /day	0.35 g/m ² /day
PERM RATING	ASTM E96 Procedure B	0.066 U.S. Perms	0.044 Metric Perms	0.051 U.S. Perms	0.034 Metric Perms

*Tests are an average of diagonal directions.



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.

DURA-SKRIM 8BB, 8WB, 12BB 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 8BB, 8WB, 12BB and 12WB 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.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. NO WARRANTIES ARE MADE AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



RAVEN INDUSTRIES, INC. / Engineered Films Division
 P.O. Box 5107 • Sioux Falls, SD 57117-5107
 Ph: (605) 335-0174 • Fx: (605) 331-0333
Toll Free: 800-635-3456

