

Product Description

GEO-SKRIM® R20BV consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. The black outer layers contain carbon black to enhance outdoor life. A durable scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life.

GEO-SKRIM® R20BV is reinforced with a high strength scrim laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.

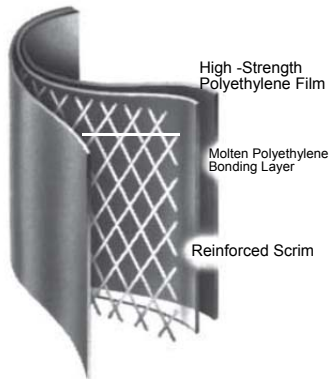
Product Use

GEO-SKRIM® R20BV is used in more demanding applications requiring high tear and puncture resistance and is designed to withstand longer-term outdoor applications requiring up to 10 years of exposure depending upon geographical locations.

GEO-SKRIM® R20BV meets or exceeds all requirements of the Geosynthetics Research Institute; GRI-GM22 Standard Specification.

Size & Packaging

GEOSKRIM® R20BV is available in a variety of widths and fabricated panels up to 80,000 square feet. All panels are manufactured in a quality controlled environment and 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

GEO-SKRIM

R200BB

APPLICATIONS

Modular Tank Liners

Interim Landfill caps

Evaporation covers

Remediation covers

Remediation Liners

Erosion control covers

Earthen Liners



GEO◆SKRIM® R20BV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE - Meets GRI-GM22

PROPERTIES	TEST METHOD	TYPICAL	
		IMPERIAL	METRIC
APPEARANCE		Black/Black	
THICKNESS, NOMINAL	ASTM D5199	20 Mil	0.51 mm
WEIGHT	ASTM D751	96 lbs/MSF	469 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
² GRAB TENSILE STRENGTH	ASTM D7004	135 lbs	601 N
² GRAB TENSILE ELONGATION	ASTM D7004	17 %	17 %
³ TONGUE TEAR	ASTM D5884	65 lbs	289 N
CBR PUNCTURE RESISTANCE	ASTM D6241	350 lbs	1557 N
MULLEN BURST	ASTM D751	180 psi	1241 kPa
HIGH PRESSURE OIT	ASTM D5885	2400 min	2400 min
WVTR	ASTM E96	0.008 grains/ft ² •hr	0.134 g/m ² •day
PERM RATING	ASTM E96	0.019 Perms	0.013 g/m ² •day•mm Hg
HYDRAULIC CONDUCTIVITY	ASTM E96	1.53x10 ⁻¹⁰ cm/sec	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C

² Tests are an average of primary reinforcement directions.
³ Tests are an average of machine and transverse directions.

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