

DURA-SKRIM® 20WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



APPLICATIONS

- Crawlspace Vapor Barrier
- CrawlSpace Encapsulation
- Modular Tank Liners
- ▶ Remediation Liners
- Remediation Covers
- Erosion Control Covers
- Vapor Retarders
- Earthen Liners

Dura Skrim 20WW is manufactured with virgin resins. All resins used in food contact layer are FDA 21CFR177.1520 (c) 3.2 compliant.

PRODUCT DESCRIPTION

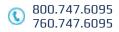
DURA-SKRIM® 20WW consists of outer layers of white highstrength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM® 20WW is reinforced with a high strength scrim reinforcement 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

DURA-SKRIM® 20WW is used in applications that require exceptional outdoor life and demand high puncture and tear strengths. DURA-SKRIM® 20WW is manufactured from virgin polyethylene and provides an opaque white surface for applications where an aesthetically clean membrane is an important performance characteristic.

SIZE AND PACKAGING

DURA-SKRIM® 20WW is available in a variety of widths in 6ft increments 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.









DURA-SKRIM® 20WW

DURA-SKRIM®

SPECIFICATIONS

		IMPERIAL		METRIC	
PROPERTIES	TEST METHOD	MINIMUM	TYPICAL	MINIMUM	TYPICAL
Appearance		White/White			
Thickness	ASTM D5199	17 Mil Average	20 Mil Nominal	0.43 mm Average	0.51 mm Nominal
Weight	ASTM D751	94 lbs/MSF	97 lbs/MSF	459 g/m²	474 g/m²
Construction		Extrusion laminated with scrim reinforcement			
² Grab Tensile	ASTM D7004	114 lbs	143 lbs	507 N	636 N
² Grab Tensile Elongation	ASTM D7004	15 %	17 %	15 %	17 %
² 1" Tensile Strength	ASTM D7003	78 lbs/in	92 lbs/in	137 N/cm	161 N/cm
² Elongation at Film Break	ASTM D7003	100 %	700 %	100 %	700 %
³ Tongue Tear	ASTM D5884	53 lbs	63 lbs	236 N	280 N
CBR Puncture Resistance	ASTM D6241	320 lbs	350 lbs	1423 N	1557 N
Mullen Burst	ASTM D751	130 psi	170 psi	896 kPa	1172 kPa
High Pressure OIT	ASTM D5885	1000 min	2600 min	1000 min	2600 min
WVTR	ASTM E96	N/A	0.009 grains/ft²•hr	N/A	0.151 g/m²•day
Perm Temperature	ASTM E96	N/A	0.022 Perms	N/A	0.0145 g/m²∙day∙mm Hg
Hydraulic Conductivity	ASTM E96	1.77x10 ⁻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.

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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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³ Tests are an average of machine and transverse directions.