

## PRODUCT DESCRIPTION

DURA♦SKRIM® J24BDX1 is a unique, single-side textured reinforced gray/black geomembrane manufactured using high strength polyethylene resins. DURA♦SKRIM® J24BDX1 is designed with a textured gray surface to minimize thermal expansion while providing a cooler working surface. The black layer includes carbon black and thermal stabilizers to assure exposed longevity. Contrasting colors also provide a vital function for ease of damage detection during the installation.

DURA♦SKRIM® J24BDX1 is manufactured utilizing a cast extrusion process to achieve a consistent friction surface with uniform asperity heights and is reinforced with a tri-directional scrim reinforcement to maximize tear and puncture resistance. The SurGrip™ textured surface consists of a diagonal cross-hatch pattern with equally raised self-draining treads. DURA♦SKRIM® J-Series membranes are formulated with thermal and UV stabilizers to assure exceptional longevity. Custom colors are available based on minimum volume requirements.

## PRODUCT USE

DURA♦SKRIM® J24BDX1 is used in applications that demand exceptional tear and puncture strength, and resistance to thermal expansion. DURA♦SKRIM® J24BDX1 is manufactured from a chemically-resistant, linear-low-density polyethylene with excellent environmental stress crack resistance.

An aggressive cross-hatch raised texture on the gray side provides a non-skid surface for enhanced jobsite safety.

## SIZE & PACKAGING

DURA♦SKRIM® J24BDX1 is available in a variety of widths and lengths to meet the project requirements. Large diameter mill rolls are available to assure an efficient seaming process. Factory welded panels are produced 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.



Rig-site Pad Liner

## PRODUCT

## PART #

DURA♦SKRIM ..... J24BDX1

## APPLICATIONS

- |                       |                         |
|-----------------------|-------------------------|
| Waste Lagoon Liners   | Interim Landfill Covers |
| Floating Covers       | Remediation Covers      |
| Modular Tank Liners   | Landfill Caps           |
| Tunnel Liners         | Erosion Control Covers  |
| Remediation Liners    | Canal Liners            |
| Earthen Liners        | Disposal Pit Liner      |
| Secondary Containment | Water Containment Ponds |

# DURA♦SKRIM® J24BDX1

TEXTURED SCRIM REINFORCED POLYETHYLENE

## DURA♦SKRIM® J24BDX1

### PRO-FORMA DATA SHEET

PROPERTIES	TEST METHOD	TYPICAL	
		IMPERIAL	METRIC
APPEARANCE		Gray/Black	
THICKNESS, NOMINAL		24 Mil	0.61 mm
ASPERITY HEIGHT		12 Mil	0.30 mm
WEIGHT	ASTM D751	105 lbs/MSF	513 g/m <sup>2</sup>
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
<sup>2</sup> GRAB TENSILE STRENGTH	ASTM D7004	130 lbs	578 N
<sup>2</sup> GRAB TENSILE ELONGATION	ASTM D7004	17 %	17 %
<sup>3</sup> TONGUE TEAR	ASTM D5884	55 lbs	244 N
CBR PUNCTURE RESISTANCE	ASTM D6241	338 lbs	1500 N
WVTR	ASTM E96	0.011 grains/ft <sup>2</sup> •hr	0.184 g/m <sup>2</sup> •day
PERM RATING	ASTM E96	0.027 Perms	0.018 g/m <sup>2</sup> •day•mm Hg
HYDRAULIC CONDUCTIVITY	ASTM E96	2.2x10 <sup>-10</sup> cm/sec	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C

<sup>2</sup> Tests are an average of primary reinforcement directions.

<sup>3</sup> Tests are an average of machine and transverse directions.

PRO-FORMA SHEET CONTENTS: The data listed in the Pro-Forma data sheet is representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.



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Scan QR Code to download current technical data sheets via the Raven website.

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. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. RAVEN INDUSTRIES MAKES NO WARRANTIES 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. Limited Warranty available at [www.RavenEFD.com](http://www.RavenEFD.com)

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