

# With poultry ceiling material, **PERFORMANCE** is everything.

Dura-Skrim J6WB developed by Raven Industries; is a durable non-woven reinforced poultry ceiling material. Designed to meet the performance requirements of today's energy efficient builders, DuraSkrim J6WB material is manufactured with two outer layers of high strength co-extruded polyethylene film and a core layer of durable tri-directional polyester scrim reinforcement. See some of the features listed below:

#### **Pinhole Free Extruded Outer Layers**

Provides a pinhole free material protecting the insulation from damaging moisture.

#### **High Tensile and Tear Strengths**

Durable reinforcement pattern provides the strength necessary to support and protect insulation.

#### **Excellent Dimensional Stability**

Easily pulled and stapled into position; remains taut with a smooth finished appearance.

#### **Barrier Characteristics**

Multi-layer construction provides the ability to obtain high static pressure readings reducing energy costs required to power circulation fans.

#### **ISO 9001:2000 certified**

The management system governing the manufacture of Dura-Skrim® J6WB is ISO 9001:2000 certified.

What customers are saying:

*"We constructed eight poultry houses measuring 54' x 500' in eastern Oklahoma and installed the 'standard woven ceiling material'. In these houses, with one tunnel fan, we were able to achieve a negative static pressure of .17. After this farm was destroyed by a tornado we reconstructed the houses to the exact same specifications, only this time we installed the 'Dura-Skrim J6WB' ceiling material. We were then able to achieve, with one tunnel fan, a negative static pressure of .20. Overall, this material installed very easily and looked great when completed."*

Chris Hall

Vice-President of Construction Operations, Latco, Inc.



**RAVEN**  
INDUSTRIES

PEAK PERFORMANCE FILMS. DELIVERED.

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# DURA-SKRIM® J6WB

PROPERTIES	TEST METHOD	DURA-SKRIM J6WB	
		English	Metric
APPEARANCE		White/Black	
THICKNESS, NOMINAL	ASTM D 5199	6 mil	0.151 mm
WEIGHT	ASTM D 4321	24 lbs/MSF 3.46 oz/yd <sup>2</sup>	117 g/m <sup>2</sup>
CONSTRUCTION		**Extrusion laminated with encapsulated tri-directional scrim reinforcement	
PLY ADHESION	ASTM D413	4 lbs.	17.8 N
1" TENSILE STRENGTH	ASTM D7003	19 lbf. MD 24 lbf. DD	84 N 106 N
1" TENSILE ELONGATION AT BREAK	ASTM D7003	367% MD 385% DD	367% MD 385% DD
TONGUE TEAR STRENGTH	ASTM D5884	30 lbf. MD 34 lbf. DD	132 N 150 N
GRAB TENSILE	ASTM D7004	39 lbf. MD 70 lbf. DD	173 N 311 N
TRAPEZOID TEAR	ASTM D4533	27 lbf. MD 43 lbf. DD	120 N 191 N
*DIMENSIONAL STABILITY	ASTM D1204	< 1.15	< 1.15
MULLEN BURST	ASTM D751	64 psi	440 kPa
MAX. USE TEMPERATURE		180°F	82°C
MIN. USE TEMPERATURE		-70°F	-57°C

MD = Machine Direction  
DD = Diagonal Directions



\*Dimensional Stability (Average MD & DD) Maximum Value.

\*\* DURA-SKRIM J6WB is a four-layer reinforced laminate containing no adhesives. The outer layers consist of high strength polyethylene film manufactured using virgin grade resins and stabilizers for UV resistance in exposed applications. DURA-SKRIM J6WB is reinforced with a 500 denier (minimum) tri-directional scrim reinforcement. 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. 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.

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