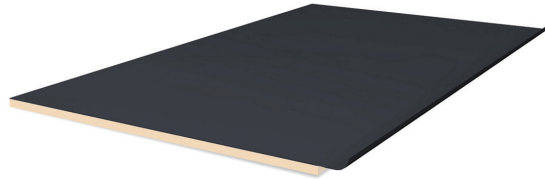


# LEXBASE XD

## 2 IN 1 ROOF COMPOSITE PANEL

### DESCRIPTION

An insulation overlay-protection board composed of a modified bituminous base sheet membrane, factory laminated to a 6.35 mm (1/4") high density polyisocyanurate board. The base sheet membrane is made of either glass fibre mat or heavy duty non-woven polyester, enhanced with glass fiber strands and selected SBS modified bitumen for superior flexibility and stability.



### TECHNICAL DATA

Type	Width x Length	Total Weight	Total Thickness
95 XD	914 mm x 2438 mm x 6.35 mm (3' x 8' x 1/4")	9 kg (20 lbs)	8.55 mm (0.59")
180 XD	914 mm x 2438 mm x 6.35 mm (3' x 8' x 1/4")	10 kg (22 lbs)	8.55 mm (0.59")
180 XD	914 mm x 4876 mm x 6.35 mm (3' x 16' x 1/4") - fan fold	20 kg 44 lbs	8.55 mm (0.59")

### APPLICATION

LEXBASE XD is used as an insulation overlay-protection board and base sheet in the roofing system. It can be adhered with selected adhesives, hot asphalt or mechanically fastened. For more information on the securement patterns and proper adhesives please consult your Lexcor representative.

POLYISOCYANURATE ROOFING BOARD	
Property	1/4"
<b>Thermal Resistance</b> (ASTM C-518) for 6.35 mm (1/4") thickness	R-1.2 (RSI-0.21)
<b>Compressive Strength</b> (ASTM D-1621)	> 1034 kPa (> 150 PSI)
<b>Flexural Strength</b> (D 1037) Modulus of Rupture, psi (kPa), nom / Breakload, lbf (kN), nom	1500 (10,343) / 25 (0.111)
<b>Dimensional Stability;</b> (ASTM D-2126) % Linear Change, max	< 1%
<b>Moisture Vapour Permeance</b> (ASTM E96)	<1.00 perm (<57.5 ng/Pa*s*m <sup>2</sup> )
<b>Water Absorption</b> (C-209) % by vol, max	<4.0
<b>Surface Water Absorption</b> (C-473) gram, max	<1
<b>Mold Resistance</b> (D-3273)	Pass
<b>Flame Spread Index</b> (ASTM E-84) Evaluation on a 10 minute period	40
<b>Smoke Development</b> (ASTM E-84) Evaluation on a 10 minute period	60

REINFORCEMENT MEMBRANE	95 g/m <sup>2</sup>	180 g/m <sup>2</sup>
<b>Upper Side</b>	Heat-weldable surface	Heat-weldable surface
<b>Cold Flex</b>	Pass, °C (°F) (ASTM D-6164)	Pass, °C (°F) (ASTM D-6164)
<b>Tensile Strength MD and XD</b>	Pass, kN/m (lbf/in) (ASTM D-6164)	Pass, kN/m (lbf/in) (ASTM D-6164)
<b>Tensile Tear MD and XD</b>	Pass, N (lbf) (ASTM D-6164)	Pass, N (lbf) (ASTM D-6164)
<b>Ultimate Elongation MD and XD</b>	Pass, % (ASTM D-6164)	Pass, % (ASTM D-6164)
<b>Tear Strength MD and XD</b>	Pass, N (lbf) (CGSB-37.56-M)	Pass, N (lbf) (CGSB-37.56-M)
<b>Lap Strength, 5D to 23°C MD and XD</b>	Pass, kN/m (lbf/in) (CGSB-37.56-M)	Pass, kN/m (lbf/in) (CGSB-37.56-M)
<b>Strain Energy, 5D to 23°C MD and XD</b>	N/D	Pass kN/m (CGSB-37.56-M)
<b>Static Puncture</b>	N/D	Pass, N (lbf) (CGSB-37.56-M)

### APPROVALS & COMPLIANCES

CAN/ULC S-126M

#### Lexbase XD Panel with Cap Sheet:

UL Class C Fully adhered (ref. TGFUC.R16778)

CAN/ULC-S107

**Composite Panel:** standard 4450/ 4470 under Class 1 for insulated construction of steel, wood, concrete gypsum for 1-60 and 1-90 classifications (high winds)  
Patent no. 2.001.005

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### COMMERCIAL BUILDING PRODUCTS

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