

# LEXCOR

## LEXBOARD 90

### 1/2" Recover board

### DESCRIPTION & USE

Lexboard 90 is a high density recover board with proprietary high strength glass facers.

For use in new and reroofing applications for BUR, modified asphalt; and both, mechanically fastened and fully adhered single ply systems.

Suitable for use as a protective layer for the primary insulation or a separation board in recover applications.

### TECHNICAL DATA

PHYSICAL PROPERTIES	
Nominal thickness (C-209)	0.5 in (12.7 mm)
Thermal resistance (C-518)	R-2.5 (RSI 0.44)
Water vapour permeability (ASTM E96)	< 1.5 perm ( < 85.0 ng/Pa·s·m <sup>2</sup> )
Water absorption (C-209)	< 3 %
Compressive strength (D-1621)	± 90 psi (± 620 Kpa)
Dimensional stability (D-2126)	< 0.5 %
Tensile strength (C-1289 Type II, Class 4)	> 2000 lbs/in <sup>2</sup> ( > 95 Kpa)
Smoke development (E84) Complete 10 min. evaluation	50 - 170
Flame spread (E84) Complete 10 min. evaluation	40 - 60



### FEATURES & BENEFITS

**High-density** - Strong and rigid roof protection

**Dimensionally Stable** - Increased membrane performance

**Lightweight** - Easy to handle

**High strength glass facers** - Superior membrane bond with adhered systems and highly resistant to mold growth

### INSTALLATION

Lexboard 90 must be kept dry before, during and after installation. May be mechanically fastened in accordance with system requirements with approved fasteners and plates, or adhered in place with an approved adhesive. When adhered 4' x 4' boards are recommended. Consult with your Lexcor rep. for a list of approved adhesives.

*Prior to installation, Lexcor recommends you refer to your local building codes, contract documents and membrane manufacturer for additional installation guidelines.*

### Limitations

The recommended hot asphalt temperature, at point of contact, shall not exceed 200°C (390°F).

Do not apply flame directly to Lexboard 90.

### Compliant with the following standards:

- ASTM C1289, Type II, Class 4, Grade 1
- FM Standard 4450/4470 Approved
- UL Certified for Canada
- UL Standard 1256 Classification - Construction No. 120, 123 & 292
- UL Standard 790 (ASTM E108) Roofing Systems Classification
- UL Standard 263 (ASTM E119) Fire Resistance Classification
- Resistant to Mold Growth as Validated by the GREENGUARD Environmental Institute (ASTM D6329)
- FM4473 rated SH-1 for Severe Hail
- UL Class B Over Combustible Decks with UL Classified Membranes
- IBC Chapter 26 & NBC Sections on Foam Insulation

### LEXBOARD 90 - SIZES & PACKAGING

Dimensions	Panel per bundle	Coverage per bundle	Board weight	Bundle weight
48" x 48" (1219 mm x 1219 mm)	42	672 ft <sup>2</sup> (62.4 m <sup>2</sup> )	8.21 lbs (3.72 kg)	344.82 lbs (156.24 kg)
48" x 96" (1219 mm x 2438 mm)	42	1 344 ft <sup>2</sup> (115.6 m <sup>2</sup> )	16.41 lbs (7.44 kg)	689.22 lbs (312.48 kg)

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### COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada  
1.800.268.2889



Quebec & Eastern Canada  
1.800.363.2307

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