

LEXCOR

LEXBOND-C

Adhesive / Sealant

DESCRIPTION & USE

Lexbond-C is a moisture curing, polyether adhesive sealant designed for applications in damp, dry, or cold climates.

Uses:

- Roofcurb System
- Expansion joints
- Pre-cast concrete
- Block and Masonry
- Curtain Walls
- Window and door frames
- Siding
- Parapets
- Cove joints
- Transportation
- Weather Sealing

Lexbond-C compatible substrates*:

EPDM and SBS Modified Bitumen, Aluminium and Galvanized Metal, Stainless Steel, Engineered Plastics, PVC, Glass, Fiberglass FRP, Wood, EIFS, Block and Brick, EPS Foam, Concrete and Stone.

*Test and evaluate to ensure adequate adhesion

TECHNICAL DATA

PHYSICAL PROPERTIES	
Colours	black, grey
Density (ASTM D1475)	11.8 +/- 0.2 lbs per gallon
Viscosity	1,200,000 cp +/- 400,000 cp Brookfield RVF TF Spindle, 4 RPM, 73°F (23°C)
Elongation at break (ASTM D412)	290%
Hardness Shore A (ASTM C661)	45
Tensile strength (ASTM D412)	330
Shear strength (ASTM D1002)	381 psi
Low temp. flex (ASTM D816)	Pass -10°F (-23°C) 1/4" mandrel
Shrinkage	No visible shrinkage after 14 days
Service temperature	-40°F to 200°F (-40°C to 93°C)
Shelf Life	Twelve months when stored at 70°F (21°C) with 50% relative humidity
Coverage (based on 1/4" bead)	25.6 linear feet / 300 ml cartridge

Applicable Performance Standards:

ASTM C920, Type S, Grade NS, Class 25 Uses NT, T₁, M, G, A & O
Federal Specifications TT-S-00230-C Type II, Class A
Corps of Engineers CRD-C-541, Type II, Class A
Canadian Standards Board CAN 19, 13-M82



Green Standards:

LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point

NAHB Model Green Home Building Guidelines: 5 Global Impact Points

VOC Content: less than 20 grams/liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)

Joint Width		Joint Depth	
Inches	(mm)	Inches	(mm)
1/4 - 1/2	(6-13)	1/4	(6)
1/2 - 3/4	(13-19)	1/4 - 3/8	(6-10)
3/4 - 1	(19-25)	3/8 - 1/2	(10-13)
1 - 2	(25-50)	1/2	(13)

FEATURES & BENEFITS

- **100% solids** - Will not shrink upon curing
- **Solvent free and contains no isocyanates**
- **Non-slump** - Applies vertically and overhead
- **20 minutes skin over**
- **No outgassing on damp surfaces**
- **Good colour stability** - Will not suntan or discolour when exposed to UV light
- **Paintable within 24 hours** (see limitations)
- **Gun grade** - No special tools or mixing required
- **Application at temperature as low as 0°C (32°F)**
- **Capable of joint movement in excess of 25% in both compression and extension**

continued on back

lexcor.net

Visit our video channels: <https://vimeo.com/channels/lexcoren>

COMMERCIAL BUILDING PRODUCTS

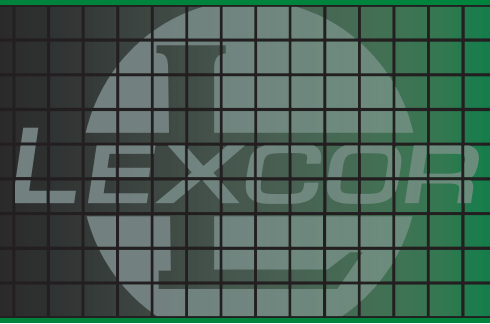
Ontario & Western Canada
1.800.268.2889



Quebec & Eastern Canada
1.800.363.2307

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APPLICATION INSTRUCTIONS

Remove all dirt, oil, loose paint, frost and other contamination from all working surfaces with alcohol. DO NOT USE petroleum solvents such as mineral spirits or xylene. Maintain Lexbond-C at room temperature before applying to ensure easy gunning and tooling. Test and evaluate to ensure adequate adhesion. Carefully gun the sealant with a smooth, continuous bead. If tooling is needed, do so within fifteen minutes of application.

CAUTION

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the MSDS for first aid information. Refer to www.lexcor.net for most current MSDS. KEEP OUT OF REACH OF CHILDREN.

LIMITATIONS

- Horizontal applications will require tooling.
- In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- Allow treated wood to "cure" for six months prior to application per APA guidelines.
- Do not use in areas subject to continuous immersion.
- Do not store in elevated temperatures.
- Allow asphalt to cure a minimum of six months before applying Lexbond-C.
- Remove all coatings and sealers before application.
- Do not apply at temperature below 0°C (32°F).
- Test and evaluate all paints before application. Polyurethane and oil based paints may dry slowly.
- Do not use on TPO without TPO primer.
- Does not bond to Kynar 500[®] PVDF coated metals.

STORAGE

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. Lexbond-C will not freeze.

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage.

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