

# ROOFCURB II SYSTEM

## Penetration Seal

### DESCRIPTION & USE

- Lexcor's Roofcurb II system forms a durable, water-proof rubber seal around roofing penetrations.
- Replaces old-style metal pitch pans with versatile, precast components and pourable sealants.
- Can be installed in under 10 minutes and does not require flashing or mechanical attachment.
- Designed for use on granulated modified bitumen, asphalt and coal tar built up roofing.
- Specified for EPDM, TPO and PVC single ply roofing membranes (TPO and PVC primers required for use with TPO and PVC membranes accordingly).
- Highly versatile for sealing penetrations around solar panel mounts, HVAC, electrical, and any type of structural supports.

### SYSTEM COMPONENTS

- **Roofcurb II** L shape form.
- **Lexbond-C** structural adhesive/sealant used for bonding the Roofcurb II components, sealing and priming the penetration.
- **Roofpart** "moisture control" pourable sealer, used to form a durable, water-tight seal around the roof penetration.

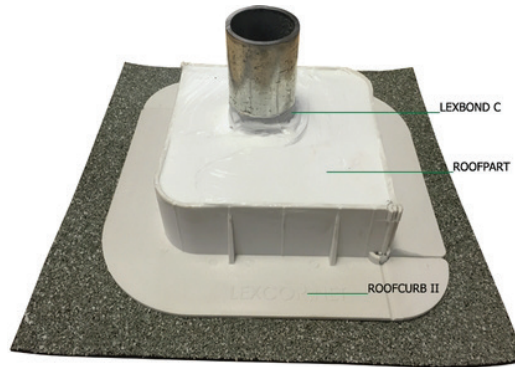
**Roofcurb II** - Composed of nylon with 33% fiber. 152 mm (6") L shape form is a light grey colour and is 51 mm (2") high. The outer surface is impervious to ice, corrosion, UV light and ponding water. 152 mm (6") L shape forms come 8 pieces per carton.

**Lexbond-C** - Structural adhesive/sealant is a durable, self-fixturing moisture control mastic. Component is sold separately.

Refer to Lexbond-C technical data sheet for more information.

**Roofpart** - Highly flexible, self levelling moisture cure pourable sealer that eliminates mixing. 100% solid rubber, has very low VOC content, it will not melt or shrink, and is deterioration resistant. It is supplied in 2L pouches (4 pouches per carton totalling 8L). Unused sealant can be capped and reused.

Refer to Roofpart's technical data sheet for more information.



### FEATURES & BENEFITS

- **Rapid Installation** - Light weight curb design reduces labour significantly.
- **Excellent Adhesion** - To most roofing materials with no flashing or mechanical attachment required.
- **Service Temperature** - -40°C to 93°C (-40°F to 200°F)\*.
- **Roofpart Flexibility** - Accommodates movement and is suggested for use on all granulated membranes and details with excessive movement.

\* Install product above 0°C

### CAUTIONS & LIMITATIONS

- Please contact customer service for application guidelines with temperatures below 0°C (32°F).
- Do not install if rain is anticipated within 4 hours.
- Do not use on Hypalon or smooth APP modified bitumen membrane. For smooth APP, torch down a target of granulated APP prior to installation.
- TPO Primer must be used for TPO applications.
- PVC Primer must be used for PVC applications.
- Do not use asphalt cement as a "night sealant", use Lexbond-C for this purpose.
- Each component is sold separately.

**Note: for Sloped Roofs or Vertical Installation,** Please contact your sales representative for the best solution.

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

#### COMMERCIAL BUILDING PRODUCTS

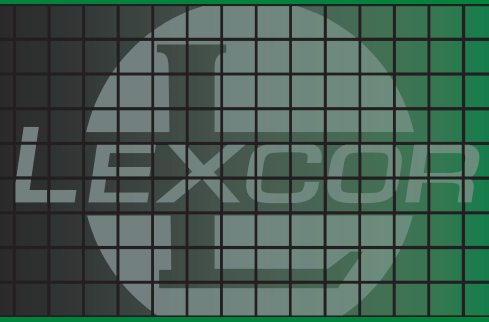
Ontario & Western Canada  
1.800.268.2889



Quebec & Eastern Canada  
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### TECHNICAL DATA

A carton of (8) 152 mm (6") Roofcurb II L shape forms allows one to assemble the following shapes:

- (4) - 152 mm x 152 mm (6" x 6") squares or,
- (2) - 152 mm x 152 mm (6" x 6") squares and (1) - 305 mm x 305 mm (12" x 12") square or,
- (2) - 305 mm x 305 mm (12" x 12") squares or,
- (2) - 229 mm (9") triangles and (1) - 152 mm x 152 mm (6" x 6") square

Kit suggestion:

- 2 boxes of Roofcurb II (total 16 pieces)
- 1 carton of Roofpart (4 pouches of 2L)
- 4 Lexbond-C

With this material; depending on the amount of product used, and the size of the protrusion, you should be able to create eight 6" Square Roofcurb Penetration Seals

### INSTALLATION INSTRUCTIONS

**Step 1:** Remove all previously applied caulk, mastic, cement, asphalt, and other contaminants from the penetration(s) with a wire brush. Clean all smooth substrates with isopropyl or denatured alcohol. Brush away all gravel or loose granules. Seal the base of each penetration with Lexbond-C. Coat penetration(s) with Lexbond-C to 76 mm (3") above the roof line.

**Step 2:** Determine pieces and shape required based on the size of the penetration(s). \* Assemble a shape by connecting forms to one another. Leaving the last form unconnected to the first form, hold the shape flat side up and apply a 6 mm (1/4") bead of Lexbond-C to the entire bottom perimeter of the shape. Apply an additional 6 mm (1/4") bead of Lexbond-C down the center of each connection to reinforce the connection area. Do not tool the beads flat. Place the Roofcurb II shape around the penetration(s). Connect last form to the first. Press shape down firmly until Lexbond-C extrudes from the outside base of the installed Roofcurb II. Tool to form a smooth fillet.

**Step 3:** Twist and remove cap of Roofpart pouch, pour into shape form, squeeze out excess air, and reseal.

**\*Note:** To provide an adequate rubber seal, maintain a 25 mm (1") distance between penetrations and inside edge of the Roofcurb II.

Properties and performance will vary depending on environmental conditions and application technique.



152 mm x 152 mm  
(6" x 6")  
square



229 mm (9")  
triangle



305 mm x 305 mm  
(12" x 12")  
square

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