

### DESCRIPTION & USE

Adphalt is a quick setting flexible polyurethane insulation adhesive for use with expanded polystyrene, polyisocyanurate, fibreboard, perlite, gypsum and light weight fibre cement boards in roofing applications. Its unique delivery system allows for a secure and economical application.

### FEATURES & BENEFITS

- **Easy to Install** – The Rocket Applicator enables the installation of up to 6 measureable beads of adhesive at a time without the use of power equipment
- **Consistent Beads** – Consistent coverage rates
- **Wide Temperature Range** – Allows for year round installation
- **Low VOC** – Eco Friendly, no odour
- **No CFC's or HCFC's** – Low GWP (Global Warming Potential)
- **Excellent Adhesion on most material\*** -peace of mind

\* Contact your technical representative for the approval of application temperature and the amount of adhesive required to assemble different types of material.

### Limitations

- Do not expose cans or cases to direct sunlight
- Condition material prior to use. Maintain cans as close to 21°C (70°F) as possible. An option is to use the LEXPHALT TANKER.
- Wear safety goggles and protective gloves during application
- Use maximum 4' x 4' panels of polyisocyanurate. For R values requiring thicknesses greater than 2.6", apply in multiple layers



TESTED  
ACCORDING TO  
**CSA A123.21**  
STANDARD

### PACKAGING

Size of the can	800 g (750 ml)
Number of cans per box	12
Weight of the cans	0.86 kg (1.90 lbs)
Weight of the box	10.73 kg (23.70 lbs)
Size of the box	27.3 cm x 20.3 cm x 33 cm (10.75" x 8" x 13')

This product is eligible within various CSA 123 compositions

### APPLICATION

#### Preparation

Surface must be clean dry and free of contaminants and loose material.

#### Application

1. Mix cans thoroughly by shaking them for a minimum of 30 seconds
2. Insert cans into the Rocket applicator and attach the nozzles.
3. Position the applicator and turn the release handle to allow flow
4. Walk backwards with the applicator at a speed to achieve the desired bead size
5. Apply 6 beads for 4' x 4' boards and 5 beads for 3' x 8' boards. Allow 2-4 minutes of open time before installing boards.

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

### COMMERCIAL BUILDING PRODUCTS

Ontario & Western Canada  
1.800.268.2889



Quebec & Atlantic Canada  
1.800.363.2307

# ADPHALT

## Foam Polyurethane Adhesive



### TECHNICAL DATA

#### PROPERTIES

Breaking load	14 N/c m <sup>2</sup>
Elongation	25 %
Film formation (Do not stick any more on the touch)	4 min. to 21°C / 50 % H.R.
Application temperature	-5°C at 38°C
Drying time	20-30 min. to 20°C / 65 % H.R.
Shrinkage	none
Post-expansion	none
Water absorption (DIN 53429)	0.3 % vol.
Lifetime	12 months (unopened containers)
Recycled content	none
VOC volume	1.85 g/L

#### COVERAGE RATES

Coverage per can:	150 lin. ft. @ 1.61 cm (5/8" wide bead)
Recommended rates of application	
121.92 cm x 121.92 cm (4' x 4') board:	6 beads
91.44 cm x 243.84 cm (3' x 8') board:	5 beads*
Approximate Coverages	
Coverage per box of 12 cans (5 beads):	900 - 1100 sq. ft.
Coverage per box of 12 cans (6 beads):	1000 - 1200 sq. ft.

\* on the 3' width of the board

### APPROVALS AND COMPLIANCES

- Meets the CAN ULC-S-107 standard
- UL Code R26654

### Restrictions

- Do not leave cans exposed to direct sunlight.
- In order to maintain an adequate application temperature, put cans in a pail or in a container and add ice or use the ADPHALT TANKER.
- Wear safety goggles and protective gloves during application.
- The product is flammable during the application.
- It is mandatory that the tips provided in the boxes be attached to the cans.
- Adphalt adhesive can be used to fix polyisocyanurate insulation panels to deck. Panels must not exceed 1200 mm x 1200 mm (4' x 4') in size, and be in a thickness between 25 mm (1") and 62.5 mm (2.5") maximum.
- High-density polyisocyanurate support panels in formats of 1200 mm x 1200 mm (4' X 4') and 1200 mm x 2400 mm (4' X 8') and of 6.25 mm (1/4") or 12.5 mm (1/2") thicknesses can also be fixed with Adphalt.

### CALCULATION - NUMBER OF CANS REQUIRED

#### Number of cans required:

Roof area square footage ÷ 100

Ex : 20,000 ft<sup>2</sup> ÷ 100 = 200 cans

#### Round up to the next unit for number of boxes required :

Number of cans ÷ 12

Ex : 200 cans ÷ 12 = 16.66 (17 boxes)

### ACKNOWLEDGMENTS



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