



**FLEX FB LOW RISE ADHESIVE**

**PRODUCT DESCRIPTION**

Flex FB Low Rise Adhesive is a two component, low rise polyurethane adhesive designed to attach Flex Fleeceback Roofing Membranes to a variety of approved substrates in accordance with current Flex Roof Details and Specifications.

**PACKAGING**

**Boxes:**

Part 1- 5 gal bag in the box and Part 2 – 5 gal bag in the box. Specifically designed to be dispensed using the PaceCart 2™ dispenser. The Pace Cart 2™ dispenser pumps the Flex FB Low Rise Adhesive parts 1 and 2 simultaneously to a static mixer which allows a properly mixed bead of adhesive to be applied to the receiving substrate.

**Cartridge:**

1500 ml cartridge kit (750 ml part 1 and 750 ml part 2). Cartridges can be dispensed using various Flex approved hand or multi-bead electric dispensing units. The dispensing units extrude Part 1 and Part 2 simultaneously through a static mixer which allows a properly mixed bead of adhesive to be applied to the receiving substrate.

**COVERAGE RATE**

Rate is average coverage based on approved, smooth, non-porous surface with a ¾” to 1” (19-25 mm) wide bead.

<b><u>Bead Spacing</u></b>	<b><u>Coverage Rate: ft<sup>2</sup>/gal (m<sup>2</sup>/L)</u></b>
12” o.c.	170-200 (4.1-4.8)
6” o.c	90-120 (2.2-2.9)
4” o.c.	60-90 (1.4-2.2)

These are typical coverage rates that are applicable when the Flex FB Low Rise Adhesive is properly mixed with a 1:1 ratio and applied in the appropriate bead spacing in a serpentine pattern at a bead width of ¾” to 1” (19 mm to 25.4 mm). Coverage rates may vary on substrate type and condition as well as increasing the bead spacing.

**REACTION TIME**

When applying the Flex FB Low Rise Adhesive, the Flex FB membrane must be placed in the adhesive while it is still wet and tacky (before it reaches tack free state). The membrane may be placed into the adhesive shortly after it has reached its maximum rise typically after 2-3 minutes.

## **APPLICATION**

Install only as much roof membrane adhered with Flex FB Low Rise Adhesive as can be covered and made watertight during that working day. The substrate must be clean, smooth, dry and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. Proper equipment must be used to install Flex FB Low Rise Adhesive. Apply the adhesive on the substrate in beads spaced at a maximum of 12” (300 mm) on center with a ¾” – 1” (19.00 mm-25.4 mm) wide bead. It is important to allow the adhesive to rise in height. Before a skim coat develops on the adhesive mate the Flex fleeeback roofing membrane to the substrate. Immediately after setting the membrane in the Flex FB Low Rise Adhesive, it is required to apply continuous pressure to the bonded membrane using a roller (maximum weight 150 lbs. – 68 kg). It is important that freshly installed membrane remain in contact with the substrate and Flex FB Low Rise Adhesive until the adhesive sets to ensure proper adhesion.

## **APPROVED SUBSTRATES**

Structural Concrete, Plywood and OSB Decking, Cementitious Wood Fiber, Gypsum, LWIC (cellular or air entrained lightweight concrete), existing Asphalt and Modified Bitumen (smooth surface or mineral surface), SBS base sheets, polyisocyanurate insulation board, HDWF cover board, DensDeck cover board, Securock cover board.

## **NON-APPROVED SUBSTRATES**

Coal Tar Pitch BUR, Expanded or Extruded Polystyrene Foam insulation board, Fiberglass insulation board, and Perlite insulation board.

## **CAUTIONS**

- Flex FB Low Rise Adhesive may be installed only when ambient conditions, and bonding substrates and membranes, exceed 40°F, (4° C) and are rising.
- Store in original and unopened containers at temperatures between 60°F (15.6°C) and 80°F (26.7°C) prior to use.
- Do not store in direct sunlight.
- Do not allow to freeze.
- Do not expose to moisture.
- Ship and store product with handle side up and keep caps of nozzle closed tightly.

## **WARNING**

Review applicable MSDS sheet prior to use. Personnel that are sensitive/allergic to isocyanate or polyurethane should not work with Flex FB Low Rise Adhesive. Avoid contact with eyes. Avoid breathing vapors. Avoid contact with skin. Use caution when removing caps from cartons. Do not burn empty containers. Dispose of in accordance with local, federal, and state regulations. For use with Flex Fleeeback Roof Membranes only.

Note: PaceCart 2 <sup>TM</sup> is a registered trademark of OMG, Inc.