



## **FLEX SNOW BARRICADE DECK MOUNT** **FOR PVC ROOF SYSTEMS**

### **PRODUCT DESCRIPTION**

Mechanically fastened baseplate with a factory welded vertical bracket fully coated with a PVC material compatible with Flex PVC Membrane Roof Systems.

### **APPLICATIONS**

Approved as a compatible accessory item for installation on Flex Membrane Roof Systems where snow retention is desired.

### **COLORS/FINISHES**

Standard or Custom Colors available in powder coating or Kynar finish.

### **MATERIALS**

Baseplate and Bracket manufactured in stainless steel and fully coated with a PVC material.

### **CUSTOM CONFIGURATIONS**

Each Deck Mount Bar System offers a wide variety of roofing system attachments that are mechanically fastened to the roof deck, available in either a single, double, or triple bar support using either a 1", 2", square or round retention bar.

### **INTRODUCTION**

The following installation instructions are provided solely in an effort to assist installers. Flex strongly recommends that these products be installed by a qualified Roofing Contractor who will have the knowledge and ability to properly install the product. Flex does not take any responsibility for acts, errors or omissions of the installer and cannot be held responsible for product installation.

### **INSTALLATION INSTRUCTIONS**

1. Bracket/Base Plate:
  - a. Place the bracket/base plate on top of the finished PVC Roof System. Align the bracket/base plate so that the tabs used to secure the tubing are on the up-slope end of the bracket/base plate.
  - b. Fasten the bracket/base plate to the substrate using appropriate fasteners for the type and thickness of the decking. Determine that the bracket/base plate is secure and cannot shift.
  - c. Consult with a Professional Engineer or Design Consultant to determine the fastening method required to attach the bracket/base plate to the substrate.
2. Membrane Flashing:
  - a. Use a piece of Flex reinforced PVC MFR flashing membrane as a target patch. The target patch should be sized to extend a minimum of 3" around the entire perimeter of the base plate.
  - b. Cut a 3 1/2" slit directly in the center of the target patch to allow for a tight fit around the bracket.
  - c. Prior to installing the target patch, and in accordance with Flex Membrane's instructions, clean the existing roof membrane and prepare surface for hot air welding.

- d. Slip the target patch over the bracket and onto the base plate. Hot air weld all edges of the target patch to the existing roof membrane. Apply approved membrane sealant around the slit where the bracket slips through.
3. Tubing, Inserts and end caps:
    - a. Slide each section of tubing through the bracket; use an insert to combine two sections of tubes together.
      1. The insert should be positioned off center and as close to the bracket as possible.
      2. The tubing should not extend more than 6” past the last bracket.
    - b. Using self-tapping screws to secure the tube to the bracket, guide each screw through the pre-punched tabs on the bracket and into/through the tube.
    - c. After a full run of tubing, install an end cap by pressing them into the end of the tube.

### **DISCLAIMERS**

1. Flex does not perform an independent site inspection. All Flex snow retentions system layouts including, but not limited to, number of rows and product quantities are recommendations only based solely on information provided by the Buyer, in addition to the projects geographical location, roof pitch, length of run and type of roof system. Buyer makes this purchase based on project specifications and its own evaluation and not by reason of any statement made or purported to have been made by or on behalf of Flex. Flex makes no warranty of any kind, express or implied, including but not limited to, any warranty of merchantability or warranty of fitness for a particular purpose.
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