



## FLEX SUBSTRATE ADHESIVE 7003

### PRODUCT DESCRIPTION

Flex Substrate Adhesive is a single component cold applied rubberized asphalt emulsion adhesive designed specifically to adhere Flex Fleeceback Elvaloy® Thermoplastic Roof Membranes to a variety of compatible substrates.

### FEATURES AND BENEFITS

- VOC Compliant  
Cold applied and requires no special equipment such as kettles  
Non-flammable

### SUGGESTED USES

Flex Substrate Adhesive is applied to an approved substrate in a uniform thickness with a brush, notched squeegee or roller. Coverage is dependent on the porosity and smoothness of the surface to which it is applied. Approved substrates include structural concrete, lightweight insulating concrete, polyisocyanurate insulation, gypsum based roof cover boards, and approved base sheets.

### PHYSICAL PROPERTIES

Type:	Rubberized Asphalt Emulsion. Water Vehicle
Color:	Black
Solids by Weight, %:	Approximately > 70%
Viscosity (CPS):	Approximately 18,000 cps
Consistency @ 77°F:	Heavy Paint Consistency, Readily Pourable
Specific Gravity@ 77°F:	0.99
Pounds per Gallon:	8.4 lbs
Flash Point, °F (SETA):	> 212 F°
VOC:	3 g/l
Size:	5 gal. container/50 lb.

### COVERAGE

Coverage is dependent of the surface to be coated. Average coverage rate is 60 square feet per gallon. Cementitious surfaces require application of an approved primer or sealer 24 hours prior to adhesive application.

### APPLICATION

Flex Substrate Adhesive should be applied at temperatures of 50°F and rising. The adhesive should not be applied at temperatures below 40°F, and should be stored at 70°F for at least 48 hours prior to installation at temperatures below 55°F. Do not apply adhesive if there is a possibility of freezing temperatures within 24 hours of application. Adhesive should not be applied in temperatures over 100°F. Materials to be bonded should be clean, dry, smooth and free from contaminants. Stir adhesive thoroughly before use. Apply adhesive by brush, heavy roller or notched squeegee to the substrate at the

specified coverage rate. Apply a smooth even coat of the adhesive over the substrate to insure 100% coverage. Allow adhesive to become tacky but do not allow a skin to form on the adhesive or allow the adhesive to dry out. Open times may vary depending on weather conditions and film thickness. Average open time can be 10 to 30 minutes depending on weather conditions at time of application. Place the Flex Fleeceback membrane into the adhesive and roll with a heavy (200 lb.) roller to insure contact with the adhesive.

### **PRODUCT HANDLING**

Flex Substrate Adhesive contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn.

### **STORAGE**

When Flex Substrate Adhesive is stored indoors, out of direct sunlight, and in the original, unopened container between 60°F and 80°F, the shelf life is six months. Always rotate stock.

### **CLEANUP**

Fresh coating can be removed with water. Dried Flex Substrate Adhesive can be cleaned with mineral spirits.

### **CAUTION**

- Do not allow this product to Freeze.
- Keep out of Reach of Children.
- Do not heat container or store at temperatures greater than 120°F.
- Close Container after each use. Do not take internally.
- Use protective measures to avoid contact with eyes and skin.
- If swallowed, call Physician immediately.
- In case of eye contact, open eyelids and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION.

**Flex Membrane International Corp. maintains Material Safety Data Sheets on all of its products. Material Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees and customers.**

**Material Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Flex products in your facilities.**

### **LIMITED WARRANTY**

We warrant only that this product is free of defects, since many factors which affect the results obtained from this product such as weather, workmanship, equipment utilized and prior conditions of the substrate, are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided.

Elvaloy® is a registered trademark of DuPont.