



Thermoplastic Single Ply and Multi-Ply Roofing Systems

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FLEX SUBSTRATE ADHESIVE

Flex Substrate Adhesive is a unique roofing adhesive formulation for use with cold application of the Flex FB Elvaloy® System. This adhesive should be applied into a uniform thickness with a brush, squeegee or roller. The Flex FB Elvaloy® sheet is then set into the Flex Substrate Adhesive.

As the water evaporates, the film will become pressure sensitive to the touch. The application can proceed. If the film is dry and loses its pressure sensitivity, warm with a hot-air torch and lay in the Flex FB material.

NOTE: When the application requires the installation of Flex FB into a wet adhesive film, the roof deck or substrate must be water absorbing to allow the adhesive to dry.

CHARACTERISTICS

TYPE: Rubber, asphalt, resin dispersion. Water vehicle.

COLOR DRIED FILM: Black

VISCOSITY: Approximately 18,000 cps. (Brookfield at 77 degrees F.) Heavy paint consistency-readily pourable.

SOLIDS, WT. %: Approximately 75%

DILUTION: Normally used as received. However, if necessary may be diluted with 1% solution of soap* in cool, clean water. (*Such as "Ivory Snow", "Ivory Flakes", liquid hand soap, etc).

COVERAGE: Depends on the surface to be coated. Figure 60 square feet per gallon on the average.

APPLICATION PROCEDURE: Brush, squeegee or roller.

WORKING PERIOD: Remains tacky permitting wet or dry combining over wide range of conditions.

APPLICATION LIMITS (Temp.): Between 50 and 100 degrees F. However, apply at near mid-temperature range whenever possible.

SERVICE AFTER APPLICATION: Not affected by extremes in atmospheric conditions. Maintains good bond over range minus 20 degrees F to plus 200 degrees F. Excellent water and moisture resistance.

CAUTION: Keep from freezing. Store above 40 degrees F.

SHELF LIFE: Rotate inventory so that product is used on "first in – first out" basis. Store in 60 to 80 degrees F range whenever possible. For best results, this product is recommended for use within six months.

WEIGHT PER GALLON NET: Approximately 8.4 lbs.

CONTAINER SIZES: 5 gallon.

PRIMER USE: When the product is used over cementitious surfaces, the surface must first be primed 24 hours before adhesive application. The primer should be a solvent base asphalt cut back. The application rate is approximately 3/4 gallon per 100 square feet.