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## SPECIFICATION BULLETIN No. 116 TYPE R CEMENT

### DESCRIPTION:

A tacky, fast-grabbing, semi-pressure-sensitive rubber/resin base adhesive designed for bonding Advanced's Moistseal to itself or to metal, wood or concrete as well as other porous and non-porous surfaces.

### FEATURES:

Produces a strong bond between Moistseal and other surfaces. It is also excellent for bonding other materials such as Tedlar, neoprene, asbestos and foamed polystyrene.

Unlike asphalt mastics that cause plasticizer migration when used with PVC, Type R Cement is compatible with all PVC and polyethylene materials and also asphaltic materials.

### MODEL SPECIFICATIONS:

#### Special Requirements:

Protect all adjacent work from damage by work performed under this section.

All material specified shall be delivered to the site in approved manufacturer's sealed containers bearing manufacturer's name and material identification.

#### Preparation:

Surfaces to be bonded should be clean and free of dirt, oil, water or other contaminants. Remove all loose and water-soluble material.

#### Materials:

Cement for bonding vinyl membrane (Advanced/Moistseal) to itself and all surfaces where required shall be Type R Cement as manufactured by Advanced Building Products, Inc., Springvale, Maine.

### APPLICATION:

Type R Cement can be easily applied by trowel to both surfaces. A saw toothed trowel having equilateral 1/8" notches is recommended for most single-surface applications. A trowel having 1/16" square notches with 1/16" flats between the notches is recommended for two sided applications. On relatively smooth surfaces, either a stiff brush or the 1/16" square notched trowel should be used.

Allow the adhesive to dry until it is quite tacky. Using a thin coat of adhesive, this will take about 15 minutes at 77 degrees F. and 50% R.H. Heavy trowel coatings may require longer drying times for complete solvent evaporation.

Bonds can be made up to 3 hours after application of the adhesive, depending upon materials being bonded, surface porosity and application method.

Press the material to be bonded into position. Apply pressure with roller from center to edges forcing out entrapped air. A strong bond results immediately. Maximum strength is attained in about 48 hours.

### NOTE:

Although Type R Cement contains a solvent blend specifically formulated to minimize cell collapse due to solvent attack on the surface of foamed or expanded polystyrene, care should be taken to avoid solvent entrapment in the glue line by joining surfaces prior to allowing sufficient solvent evaporation.

### CAUTION!

THIS CEMENT CONTAINS VOLATILE, FLAMMABLE SOLVENT. PROVIDE ADEQUATE VENTILATION. AVOID SPARKS. DO NOT USE NEAR OPEN FLAME OR SPARK-PRODUCING EQUIPMENT.

### PHYSICAL PROPERTIES:

|                     |                         |
|---------------------|-------------------------|
| Viscosity           | Approx. 30,000 cps.     |
| Base                | Rubber/Resin            |
| Solvent (dilution)  | Hexane                  |
| (cleanup)           | Naphtha                 |
| Tack Life           | Semi-pressure sensitive |
| % Solids            | 62-68                   |
| Flashpoint          | -6° F.                  |
| Storage             | over 1 year             |
| Coverage per gallon | Approx. 100 sq. ft.     |
| Containers          | 5 Gallon Pails          |