

Technical Information Sheet

Bonding Adhesive BA-2016 S/TF 2.0 (Aerosol)

Packaging	Part Number
750 ml spray can (12 cans/carton)	W56RAC1085TE

Description

The Elevate™ Bonding Adhesive BA-2016-S/TF 2.0 is a sprayable solvent-based contact adhesive specifically designed for bonding Elevate RubberCover™ EPDM membranes on small surfaces/upstand of approved insulations in addition to wood, metal, masonry and other acceptable substrates.

Application

Bonding Adhesive BA-2016 S/TF 2.0 can be applied in following Elevate system(s): RubberCover™ EPDM.

Preparation

Surfaces that will receive BA-2016 S/TF 2.0 must be clean, smooth, dry and free of sharp edges, loose and foreign materials, oil, grease, and other contaminants. If necessary, the mating surface shall be cleaned with a brush or a clean cloth. Remove any moisture and contaminants from the surface before applying the adhesive. Restore the adhesive to room temperature (10°C-25°C) before use if the product has been exposed to temperatures below 10°C or above 25°C for a prolonged period. This will allow the adhesive to regain the appropriate viscosity. It is not necessary to shake the aerosol can before each use. Test the adhesive on a piece of scrap membrane prior to the start in order to check its consistency in color and texture.

Method of Application

Gently spray the BA-2016 S/TF 2.0 onto both surfaces to be adhered. Apply the adhesive onto the EPDM membrane last. The ideal distance between the surface and the spray nozzle is 15-20 cm. Try to apply the correct amount of adhesive in a single layer and avoid areas of accumulation. Care must be taken not to apply BA-2016 S/TF 2.0 over seaming areas.

Application temperatures may vary between 5°C and 25°C. At temperatures below 5°C, the adhesive may become too thick, and consequently, an insufficient quantity of adhesive may be sprayed on the surface. At temperatures above 25°C, and especially with the membrane exposed to the sun, the adhesive may skin over and drying times will be extended. Allow the adhesive to flash off completely before mating the surfaces. Test the adhesive for its dryness using the touch-push test procedure. Mate the membrane to the substrate and apply sufficient pressure with a broom.

Coverage

Coverage rates depend on the smoothness and porosity of the substrate. The following general rate (for 2 sides) can be achieved: 750 ml spray aerosol can: between 1.2 and 1.5 m².

Some surfaces are uneven and porous and will result in lower coverage rates while smoother substrates and/or less porous will result in high coverage rates. Very porous substrates (rough wood, concrete block) may even require an additional coat of adhesive to ensure proper adhesion. This can be determined by adhering a small piece of membrane to the substrate and verify its bonding strength.

Characteristics

Technical	
• Base	Blend of SBR rubbers
• Color	Green
• Solvents	Hydrocarbons, Acetone, n-Hexane, Butanone
• Solids	39 ± 1%
• Viscosity (cP)	200 – 600
• Specific gravity	0.84 ± 0.01
• Flash Point	-17°C

Storage

Store at moderate temperatures (10°C-25°C) in a dry, well-ventilated area. Do not store at less than 5°C to avoid the product becoming unusable. Keep away from heat, sparks, and open flame. Protect from direct sunlight and do not expose to temperatures exceeding 30°C. If necessary, use an insulated box to maintain the product at moderate temperatures during transport to the job site, before and during application. This will assure the appropriate viscosity, efficiency, and quality of the adhesive. Do not pierce or burn the cans.

Shelf Life

18 months can be expected if stored in the above-mentioned conditions. Verify production date on each packaging. Shelf life will be reduced if exposed to lower or higher temperatures, as mentioned above. Shelf life information is only a recommendation. The real expiration date highly depends on the method of storage and handling.

Precautions

Refer to Safety Data Sheet. Extremely flammable. Keep away from possible ignition sources during storage and use. Do not smoke when using. For professional use only. Use only in well-ventilated areas. The aerosols are not suitable for a refill. Avoid prolonged inhalation and contact with skin and eyes. Keep out of reach of children.

Note:

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