

Single-Sided Bonding Adhesive



PRODUCT OVERVIEW & FEATURES

Bitec® Single - Sided Bonding Adhesive is a single-component, proprietary blend, hydrocarbon resin emulsion modified with synthetic and butyl rubber. It is designed for bonding EPDM and other single-ply roofing membranes to the roof.

Low Odor - The low odor nature of this product makes it a perfect fit for sensitive environments such as schools and hospitals and a must for environmentally conscious facilities. Bitec Single - Sided Bonding Adhesive is an environmentally friendly solution for a variety of applications.

- Excellent adhesion to a wide range of single-ply roofing membranes
- Environmentally conscious
- Non - flammable
- Can be used with both porous and non porous substrates.
- Less material required
- Less time to apply

Handling - Bitec Single - Sided Bonding Adhesive contains ingredients that could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn. Bitec maintains Safety Data Sheets on all of its products. The SDS contains health and safety information for your development of appropriate product handling procedures to protect your employees and customers. The SDS should be read and understood by all of your supervisory personnel and employees before using Bitec products in your facilities.

APPLICATION

Surface Preparation

All surfaces should be clean, dry, free of dirt, debris, oils, gravel, or other contaminants that may inhibit adhesion.

Application to Porous Substrates

When bonding single-ply membranes to porous or semi-porous substrates, such as plywood, OSB, wafer board, unfaced isoboard, concrete, or brick, Bitec Single - Sided Bonding Adhesive should be roller or spray applied to one substrate at a coverage of 100 ft² per gallon. While bonding adhesive is still wet, indicated by its milky white appearance, bond the substrates together and thoroughly broom the bonded area to ensure total contact and adhesion.

Application to Non-Porous Substrates

When bonding single-ply membranes to metal or insulation boards with a foil facer, Bitec Single - Sided Bonding Adhesive should be roller or spray applied to the single-ply membrane and to the other substrate (both sides) at a combined coverage rate of 80 ft² per gallon. The bonding adhesive should be allowed to dry for at least 30 minutes or until its appearance changes from milky white to nearly transparent. After bonding adhesive has dried, bond the tacky substrates and broom the bonded area thoroughly to ensure total contact.

STORAGE

When Bitec Single - Sided Bonding Adhesive is stored indoors, out of direct sunlight, and in the unopened container between 60 °F and 80 °F, the shelf life is approximately 9 months. Always rotate stock.

LIMITATIONS

Bitec Single - Sided Bonding Adhesive should not be stored below 40°F. Once frozen, material will not return to its original state and must be disposed of.



#2 Industrial Park Drive • PO Box 497
Morrilton, AR 72110
Fax: (501) 354-8585
Phone: (800) 535-8597
www.bi-tec.com

Single-Sided Bonding Adhesive



DATA & TESTING

Base	Proprietary Blend
Color	Milky White
Solids, by Volume	69%
Viscosity	11,500-15,000cps
Brookfield RVT no. 5 @20rpm	1.02
Specific Gravity	
Pounds per Gallon	8.31
Flash Point	Non-Flammable
Estimated Coverage	110-130 ft ² per Gallon
PH	4.0-6.0
Shelf Life	9 Months
VOC	8 grams per liter

DOT Label Required - Non-Regulated



#2 Industrial Park Drive • PO Box 497
Morrilton, AR 72110
Fax: (501) 354-8585
Phone: (800) 535-8597
www.bi-tec.com