

NEW CASTLE BUILDING PRODUCTS

B-52 LOW-VOC TPO/EPDM BONDING ADHESIVE



"A Quality Roof Installation Begins with Superior Materials"

DESCRIPTION:

NewCastle™ B-52 is a low VOC contact-type bonding adhesive designed for bonding TPO and EPDM membranes and flashing to horizontal and vertical roof substrates. The adhesive has been engineered to provide ultimate bonding strength on a wide variety of substrates and meet stringent VOC regulations.

Advantages:

- Low VOC - <250 g/L
- High initial tack
- Excellent green strength
- Fast drying solvent system
- Easy application: brush, roller, or spray
- Excellent heat resistance

Direction for Use:

- Apply adhesive to the membrane and substrate which are clean, dry, and free of debris. Apply at the rate of approximately 120 square feet per gallon per surface, sufficient to bond 60 square feet of membrane in place. The coverage rate will vary according to the porosity of the substrate.
- Apply adhesive using a solvent-resistant 3/8" medium nap roller.
- Allow adhesive to partially dry (approximately 5 – 10 minutes) to a tacky feel when touched with the back side of a dry finger before bonding membrane to substrate.
- Mate the membrane to the substrate avoiding any air entrapment and apply pressure by means of a roller or push broom to assure complete bonding.
- Apply only when the substrate and ambient temperatures are at least 40°F (5°C) and rising.



PROPERTY	TYPICAL VALUE
Base Synthetic	Polymer
Coverage	60 sq. ft./gallon – bonded
Flash Point	-10.0°F (14°C)
Water Solubility	Not Soluble
Weight/Gallon	7.7 pounds/gallon
Dry Time	5 – 10 minutes
Application	Roller, brush, or spray
VOC Content	<250 grams/liter
Shelf Life	1 year, unopened**
Open Time	60 to 90 minutes
Color	Yellow

* Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. ** The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall.

KEEP OUT OF REACH OF CHILDREN. FOR PROFESSIONAL OR INDUSTRIAL USE ONLY. USE ONLY WITH APPROVED EQUIPMENT. SALE TO CONSUMER IS IN VIOLATION OF FEDERAL LAW. SEE SDS FOR ADDITIONAL INFORMATION. IF YOU DO NOT UNDERSTAND, OR CANNOT READ, ALL DIRECTIONS, CAUTIONS AND WARNINGS, DO NOT USE THIS PRODUCT.

