



FLEX TPO LA505 LOW-VOC BONDING ADHESIVE

PRODUCT DESCRIPTION

Flex TPO LA505 Low-VOC Bonding Adhesive is a contact bonding adhesive specially designed for bonding TPO single ply roofing membranes and flashings to horizontal and vertical substrates. LA505 has been engineered to provide ultimate bonding strength and to meet all VOC restrictions and regulations in the United States.

ADVANTAGES

- Low VOC ≤ 260 g/L
- Extremely high initial tack
- Fast drying solvent system
- Easy Application using roller or brush
- Excellent Green Strength
- High peel and shear values
- Excellent heat resistance

FLAMMABILITY

Red Label – EXTREMELY FLAMMABLE

APPLICATION INSTRUCTIONS

1. **Use only after careful consideration of the warnings, directions, and first aid instructions given.**
2. Stir the adhesive vigorously by hand to achieve a homogeneous mixture prior to application. Do NOT use electrical equipment or open flame near the adhesive.
3. Only apply adhesive when ambient temperature is 40°F and rising.
4. Apply adhesive to the membrane and substrate surfaces which are clean, dry, and free of debris. Apply at the rate of approximately 200-240 square feet per gallon **per surface**, sufficient to bond 100-200 square feet of membrane in place. The coverage rate will vary depending on the porosity of the substrate surface.
5. Apply adhesive using a 3/8” or medium nap solvent resistant roller.
6. Allow adhesive to partially dry to a tacky feel when touched with the back side of a dry finger before bonding membrane to substrate (approximately 5-10 minutes). Open time prior to mating membrane to substrate may extend up to 60 minutes.
7. Mate the membrane to the substrate avoiding any air entrapment, and apply pressure by means of a push broom or roller to assure complete bonding.

NOTE: The shelf life for an unopened container of this adhesive, stored at temperatures between 60°F (15.5°C) and 80°F (26.7°C) out of direct sunlight is 1 year from date of manufacture.

PHYSICAL PROPERTIES *

BASE:	Synthetic Polymer	TOTAL SOLIDS:	38% +/- 1.5%
SOLVENT:	Methyl Acetate	VOC CONTENT:	247.7 grams/liter
FLASH POINT:	8.6°F (-13°C)	SHELF LIFE:	1 year, unopened
WEIGHT/GALLON:	8.0 lbs +/- 0.1 lbs.	OPEN TIME:	Up to 60 minutes
COLOR:	Yellow	DRY TIME:	5-10 minutes
VISCOSITY:	1,000-2,000 cps	APPLICATION:	Roller or brush
COVERAGE:	100-120 sq.ft./gallon bonded		

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ATTENTION: Empty container may still contain pressure and remains hazardous until all flammable vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists. Dispose of according to all federal, state, and local regulations.

**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**

IF YOU CANNOT READ, OR DO NOT UNDERSTAND, ALL DIRECTIONS, CAUTIONS, AND WARNINGS, DO NOT USE THIS PRODUCT

SEE SDS FOR MORE INFORMATION

Notice to Purchase: No warranties, express or implied are made including merchantability and or fitness for a particular purpose. Under no circumstances shall Flex or its affiliates be liable for any loss or damage arising from the purchase, use, or inability to use this product, for any special, indirect, incidental, or consequential damages. The user may send a sample of product to Flex for testing. If such testing proves a product defect, the user's sole and exclusive remedy is either reimbursement of the purchase price of the product or replacement of the container of product. No fabricator, installer, dealer, agent or employee of Flex has the authority to modify the obligations or limitation of this warranty. This warranty gives you specific legal rights, and you may also have other rights which vary state to state; therefore, some of the limitations stated above may not apply to you. It is to your benefit to save your documentation upon purchase of a product.

Please direct all inquiries regarding performance of this product to:

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