



# TECHNICAL DATA

## MANUS-BOND 75AMC Polyether Concrete Joint Sealant +/- 50% Joint Movement

### 1. PRODUCT DESCRIPTION:

Manus-Bond 75AMC conforms to ASTM C719 Test Method for Adhesion and Cohesion of Elastomeric Joint Sealant under Cyclic Movement +50% extension and -50% compression as outlined in ASTM C920. 75AMC is a paintable, fast curing, non-sag concrete joint sealant formulated from high grade Polyether technology to exhibit superior adhesion and flexibility to a wide variety of substrates. 75AMC is extremely UV and weather resistant as well as low VOC/HAPS free. 75AMC is non-isocyanate, non-yellowing and will not crack, peel, shrink or stain. USDA compliant for use in meat and poultry areas. Conforms to ASTM C920, Type S, Grade NS, Class 50, Use NT, M, A, G, and O.

### 2. TECHNICAL DATA:

Specific Gravity	1.40-1.44
Skin Time (minutes) 75°F 50% RH	20-30
Viscosity (cps) Spindle T-E at 5 rpms	500,000 cps
% Elongation *Rate = 2"/minute	1200%
Tensile Strength *Rate = 2"/minute	125 psi
100% Modulus	20 psi
Peel Adhesion *Tested on unprimed aluminum	23 ppi/100% CF
Hardness Shore A	15
Stain & color change	No stain
Service Temperature	-75°F to 300°F

### 3. PACKAGING:

10.1 fl.oz. cartridge, 10 and 20 fl.oz. sausage packs, 2 gallon, 5 gallon and 55 gallon containers.

4. SURFACE PREPARATION:

Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying 75AMC. Some substrate materials may not be compatible with this product. Testing a small area for compatibility is recommended.

5. PAINTING:

Cured product may be painted with most industrial & consumer paints. Testing prior to painting is recommended.

6. STORAGE LIFE:

For maximum shelf life, store unopened product at or below 80°F.

12 months = cartridges and sausages

6 months = Pails and 55 gallon containers.

7. PRECAUTIONS:

Some applications may not be compatible with this product. Some cleaners, solvents may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See MSDS for additional information. KEEP OUT OF REACH FROM CHILDREN.

8. TECHNICAL SERVICE:

Manus technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.

9. LIMITED WARRANTY:

Any goods prove defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

**MANUS PRODUCTS INC.**

**MPI**

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