

TECHNICAL DATA SHEET

MANUS-BOND® 76-AMC Self Leveling

PRODUCT DESCRIPTION:

Manus-Bond 76AMC Self-Leveling Floor Joint Sealant is a one-component, flexible sealant engineered for contraction/expansion joints and cracks in concrete floors and decks. 76-AMC flows smoothly and easily into concrete joints and cracks providing a durable seal. The “controlled flow” technology of 76-AMC offers a fast and efficient application. This product is highly UV resistant and does not contain solvents or isocyanates. USDA accepted. Conforms to the following specifications: ASTM C920, Type S, Grade P, Class 25, Use T and M; Federal Specification TT-S-00230C, Type 1, Class A; CAN/CGSB-19.13-M87, Class C-1-40-B-N and C-1-25-B-N

Features	Advantages
<ul style="list-style-type: none"> Suitable under cold and warm applications Short cut-off string during application 	<ul style="list-style-type: none"> Excellent tack-free and cure times Flexible in low temperatures

Characteristic	Typical Value or Result ¹
Uncured Properties	
Appearance	Self-Leveling, Low Viscosity Paste
Standard Colors	White, Limestone Grey, and Black
Curing Mechanism	Moisture Curing
Viscosity	20,000-100,000 cps
Curing through volume (mm) (1 day at 23°C and 50% RH)	≥3
Density (g/cc)	1.49 +/- 0.3
VOC	15 g/l
Cured Properties	
Shore A	25 +/- 5
Tensile Strength (PSI)	≥200
Elongation	≥800 %
Low temperature flexibility	Properties retained to -75°F

¹ The values are typical or an approximation for the material and are not intended for use in specifications. Field or environmental conditions or application methods may yield different results.

MANUS-BOND® 76-AMC SELF LEVELING

APPLICATION GUIDELINES:

Surface Preparations and Directions of Use:

The surfaces to be applied on should be clean, dry, and free from dust and grease. The ability for the adhesive to bond is only as good as the substrate it is applied on. Normally no primer is required. User should carry out preliminary compatibility, adhesion, and suitability tests on the substrates. Avoid exposure of unused material to air or moisture. A premium caulking gun that is suitable for high viscosity materials is recommended. Please contact Manus Sales Department or your Manus representative for information on premium caulking guns.

Precautions:

Some applications may not be compatible with this product. In most cases, no primer is required. Some cleaners or solvents may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Do not use in direct contact with fire or in long-term high-temperature applications. Use with adequate ventilation. Inhalation of vapor during application and cure may cause 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 SDS for additional information. KEEP OUT OF REACH FROM CHILDREN.

Clean Up:

Excess cured material must be cut or scraped away followed by wiping with isopropyl alcohol, aromatic or ketone-type solvents. The use of these solvents (or other solvents) may be hazardous to your health. KEEP AWAY FROM OPEN FLAME. Tools and application equipment may be cleaned with the same solvent. Follow the precautions and instructions of the solvent manufacturers.

User Evaluation:

TESTING FOR SUBSTRATE COMPATIBILITY AND ADHESION MUST BE PERFORMED BY THE USER BEFORE PROCEEDING WITH FULL APPLICATION OR INCORPORATION. PRODUCT MAY NOT BE COMPATIBLE WITH ALL SUBSTRATES, SURFACES, USES, OR APPLICATIONS.

PRODUCT STORAGE:

The product has shelf life of 12 months after production date in its original packaging (unopened) in a cool, dry place. For maximum shelf life, store unopened containers at temperatures not exceeding 80°F in cool, dry conditions. Keep away from wet areas, direct sunlight, and heat sources.

PACKAGING AND SIZES:

76-AMC Self Leveling is available in 10.1 fl. oz./300 ml cartridge or 20 fl. oz. sausage packs. Other packaging or colors available upon request.

TECHNICAL SERVICE:

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

LIMITED WARRANTY:

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