

TECHNICAL DATA SHEET



FSI-MPS METAL PANEL SEALANT

PRODUCT DESCRIPTION:

FSI-MPS exhibits excellent adhesion to many substrates including aluminum, brass, steel, Kynar®, Galvalume®, painted surfaces, vinyl, glass, granite, marble, wood and many plastics. Cures fast, even at low temperatures. FSI-MPS is highly weather resistant and can be painted with most paints. Manufactured from high grade polyether technology FSI-MPS contains no solvents or isocyanates and is non-yellowing. Conforms to ASTM C920, Type S, Grade NS, Class 50, Use T, NT, I, G and AAAMA 802.3 Type II Back Bedding Compound. USDA accepted.

TECHNICAL DATA:

Tack Free Time	Less than an hour @ 77°F/50% RH
Skin Time	Less than 30 minutes @ 77°F/50% RH
Sag	Non-sagging
Tensile Strength	225 psi
Lap Shear (shear rate = 1"/min) Elongation	275 psi
High Temperature Resistance	275% Up to 300°F for short periods
Low Temperature Flexibility	Properties retained to -75°F
Hardness	45 - 50
UV Ratings	After 2000 hours UV-A no change in appearance or physical properties (ASTM G26)
Corrosive Properties	Non-corrosive
Staining	Non-staining

COLORS:

White, aluminum gray, black. Other colors available upon request.

PACKAGING:

10.1 fl. oz. cartridges, 10 & 20 fl. oz. sausage packs, 1, 5, & 55 gallon containers.

SURFACE PREPARATION:

Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion.

Remove all old sealant before applying FSI-MPS. Some substrate materials may not be compatible with this product. Testing substrate compatibility with this product before full application is recommended.

PAINTING:

Cured FSI-MPS may be painted with most industrial & consumer paints.

Testing prior to painting is recommended.

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STORAGE LIFE:

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

12 months = cartridges and sausage packs

6 months = 1, 5 and 55 gallon containers

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 of children.**

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.

LIMITED WARRANTY:

Any goods proved 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.