



DESCRIPTION

MF8160 is a two component, moisture vapor barrier crack filler designed to repair vertical or horizontal cracks. It is formulated to be used in conjunction with a moisture vapor barrier-based epoxy coating. It will resist up to 25 lbs. /1,000 sq. ft. /24-hour period of water vapour transmission It has excellent adhesion to concrete, masonry, wood, metal and plastics

APPLICATIONS

- Residential
- Food kitchens
- Pharmaceuticals - Hospital
- Car dealership
- Shops Exhibition room
- Commercial Bars Restaurant
- Institutional establishments
- Detention center
- Hotel-Discotheque
- Industrial- Aeronautics

ADVANTAGES

- Interior applications without harmful odors
- Low VOC (LEED Project)
- Ideal for easy cleaning of the wall floor junction
- Can be used on large vertical surfaces
- Waterproof and seamless
- Dense surface resistant to bacteria and moisture and easy to clean
- Excellent adhesive properties, allowing for application on a wide variety of substrates such as concrete, masonry, wood, metal and plastics
- May be applied in several layers over itself with excellent adhesion

LIMITATIONS

- Not recommended for application at temperatures below 10°C / 50°F or above 30°C / 86°F Moisture has to be under 85%
- Ambient humidity of the surroundings should not exceed 85% during application and during curing process.
- Substrate must be clean, sound and dry
- Substrate temperature must be 3°C (5.5°F) above measured dew point

CONDITIONS OF APPLICATION

- Humidity content of substrate must be < 4% at time of application
- Freshly applied product must be protected against moisture, condensation and water for at least 48 hours
- Surface discoloration of product may occur when exposed to UV rays.
- Exposure during the curing stage of the coating to the by-products of propane combustion may cause discoloration (amine blushing)

TECHNICAL INFORMATION

FORMATS:

Kit of 1 gallon.

SOLIDS by Weight: 100%

MIXING RATIO:

Resin: 2 parts A / Activator: 1 part B

SHELFLIFE:

1 year in sealed container

COMPRESSIVE STRENGTH:

8000-9000 psi, ASTM D695

TENSILE STRENGTH:

6500-7500 psi. ASTM D638

VISCOSITY:

Resin: Paste/ Activator: Paste

VOC = Low

CHARACTERISTICS

SOLIDS IN WEIGHT: 100% (+/- 1%)

COLOUR: Transparent/amber

COVERAGE AND THICKNESS:

1/8in x 1/8in cracks = ~ 1100 linear feet per gallon / 11.3 ml/m

Wall/floor junction with 1in radius =~ 38 linear feet per gallon / 327 ml/m

APPLICATION TEMPERATURE

15°C – 21°C with HR below 85%

DRY TIME:

(21°C / 70°F @ 50% HR)

Pot Life (142g).....50 minutes

Recoat Time..... 4-6 hours

INSTRUCTIONS

STORAGE:

MF8160 should be stored in dry place, at a temperature between 15 ° C and 21 ° C. Do not store near open flames. The shelf life of parts A and B is 12 months.

MIXING

Pre-mix each component separately for 2-3 minutes. Pour the 2 parts of component A into a container, then add 1 part of component B (mixing ratio 2: 1). Mix the components for at least 2-3 minutes using a low-speed drill (300-450 rpm) to reduce air entrapment and obtain a homogeneous mixture.

SURFACE PREPARATION

Produce sawcut in crack ensuring to obtain clean, solid surface. Remove dust, dirt, grease and foreign matter obstructing proper adhesion of the repair compound. Install backer rod to bottom of sawcut ensuring to leave a minimum of ¼ inch filler space.

The compressive strength of concrete should be at least 25 MPA (3635 PSI) after 28 days. The tensile strength should be at least 1.5 MPA (218 PSI). Watch out for condensation (up to 10 degrees dew point). All cracks, holes and irregularities should be repaired prior to coating application.

APPLICATION

1. For cracks, saw cuts, small holes, masonry block joints etc.: Using a



trowel, spatula or other suitable equipment evenly spread the crack filler.

2. For floor wall junctions (ceiling wall junctions or corner walls): Using a spatula spread a quantity of material (bead) and shape the bead with a round trowel spoon at the floor wall junction. Do not leave any excess material to avoid sanding (very difficult to sand)

Clean equipment with xylene. Once the product has hardened, it may only be removed mechanically.

PRECAUTIONS FOR USE

Components A and B contain toxic and corrosive ingredients. Consult the safety data sheet (S.D.S) for further information.

CLEANING TOOLS

Clean all tools and equipment with an epoxy cleaner / thinner. Wash hands and skin with soap and warm water. Once cured, the product can only be removed mechanically.

Allow the 2A + B mixture to harden and dry well before placing it

Contact your municipality to dispose of containers and surpluses in an ecological way.

WARRANTY

This product will give complete satisfaction if applied according to the manufacturer's instructions. In the event that it is found to be defective after inspection, the manufacturer's liability is limited to the replacement of the product and does not include labor during the application

CAUTION

Exposure during the curing period of the coating to by-products from propane combustion may cause discoloration. During application and curing period, propane forklifts and other propane vehicles or heaters should not be used in the area until the coating is fully cured, at least 72 hours.

DISPOSAL

Before using any product, make sure the Material Safety Data Sheet is read and understood. Please contact your MF Paints Inc. representative at 1-800-363-8034 for more information