



TDS

MSD MULTIPATCH

MSD MULTIPATCH is a two-component 100% solids epoxy crack filler. It is intended for small repairs on both horizontal and vertical applications.

RECOMMENDED USES

MSD MULTIPATCH is intended for the repair of small masonry and concrete cracks.

APPLICATION

Preparation:

Prior to application, ensure the substrate is thoroughly cleaned and free from any dirt or foreign contaminants. This ensures a proper bond. MSD MULTIPATCH is not intended for cracks greater than 1/8" in width. Ensure all loose concrete is removed from within the crack and the crack has been thoroughly vacuumed prior to applying the product.

Mixing:

The mixing ratio is 1:1. Simply measure out equal amounts of material from Part A and Part B and combine them using a slow-speed mixer. Mixing by hand using a putty knife or similar tool is also acceptable. Continue mixing until both parts are combined and have a uniform color in appearance. Only mix enough material to make the necessary repair.

Priming:

Priming is not necessary.

Application:

Once the material has been mixed, apply it using a trowel or putty knife.

Cleaning:

Use Xylol.

Floor Cleaning:

It is recommended to test smaller areas of your finished flooring when choosing your cleaner. Some aggressive cleaning products may discolor the product.



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APPLICATION

Restrictions:

Avoid heavy traffic and harsh chemicals until the coating has fully cured. In addition, avoid moisture during the curing process. Finished flooring may be slippery when wet; use caution.

SPECIFICATIONS

Solids by Weight: 100%

Solids by Volume: 100%

VOC: Less than 11 g/l

Recommended Film Thickness: 1/8" cracks or thin build repairs

Product Yield: 0.13 cubic feet or 1,228 lineal feet @ 1/8" x 1/8"

Packaging Information: 2 gallon kit: 1 gallon part A / 1 gallon part B

Mix Ratio: 1 Part A to 1 Part B

Shelf Life: 6 months in unopened containers

Cure Schedule @ 70°

Pot Life 1-3 hours

Tack Free (dry to touch) 5-10 hours

Re-Coat or Top-Coat Immediately

Light Foot Traffic 10-24 hours

Full Cure (heavy traffic) 2-7 days

Application Temperature: 60° F - 90°F

Product Storage:

Store product at normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Low temperatures or temperature fluctuations may cause product crystallization.

Viscosity: Mixed = > 3,100,000 cps (typical)

DOT Classifications: Part A "not regulated"

Part B "not regulated"

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SPECIFICATIONS

Product Testing Data:

Abrasion Resistance: Taber abraser CS-17 calibrase wheel with 1000 gram total load and 500 cycles = 36 mg loss

Flexural Strength: 7,500 psi @ ASTM D790

Compressive Strength: 8,710 psi @ ASTM D695

Tensile Strength: 6,256 psi @ ASTM D638

Ultimate Elongation: 2.4%

Gardner Variable Impactor: 50 inch pounds direct – passed

Hardness: Shore D = 65

Heat Deflection Temp: 59 degrees C (138 degrees F)

Adhesion: 350 psi @ elcometer (concrete failure, no delamination)

Chemical Resistance:

REAGENT	RATING
butanol	C
xylene	B
1,1,1 trichloroethane	A
MEK	A
methanol	A
ethyl alcohol	A
skydrol	B
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	C
70% sulfuric acid	A
10% HC1 (aq)	C
5% acetic acid	A

Rating key: A - not recommended, B - 2 hour term splash spill, C - 8 hour term splash spill, D - 72 hour immersion, E - long term immersion. NOTE: extensive chemical resistance information is available through your sales representative.