



TDS

MSD JOINT FILLER

The **MSD JOINT FILLER** dual cartridge system consists of a two-component 100% solids polymer designed for applications where a resilient joint material is needed. The material is a semi-clear un-pigmented product packaged in a 300ml x 300ml dual cartridge system with a 1/2" 30 element static mixing nozzle and retainer nut.

RECOMMENDED USES

Concrete/cement expansion joints in general industry

APPLICATION

Preparation:

Joint needed repair must be thoroughly cleaned - free from any dirt or contaminants to ensure proper bonding. This includes loose concrete and previously applied joint fillers. Use a backer rod to fill deeper joints if necessary.

Primer:

As this product is self-priming, no primer is necessary.

Mixing:

MSD JOINT FILLER must be mixed before using. The product comes in a closed-end dual cartridge. The closed-end tip can be removed using a screwdriver or similar tool prior to use. It is recommended to dispose of the first small portion to prevent the unmixed filler from being applied. To assemble, hold tubes with the open end facing upward. Remove the closed end tip. Place the mixing nozzle onto the tube ends. Slide the collar over the tip and tighten; then place the tubes into the dual cartridge caulking gun. The product will cure within 1-2 minutes, so it is important not to allow material to mix prior to dispensing.

Application:

MSD JOINT FILLER should be applied using a dual cartridge caulking gun. Apply the mixed compound using the caulking gun in a continuous motion into the joint being repaired. The excess product should be removed using a razor or scraping tool. Ensure temperatures do not fall outside the recommended application range during installation and cure time. Lower than recommended temperatures may result in extended cure time.

Cleaning:

Use xylol.



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APPLICATION

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.

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.

Solids: 100%

VOC: Less than 1 g/l

Product Yield: 1 tube set @ ½" wide by ½" deep would be 11 to 12 lineal feet

Packaging: 300ml x 300ml

Mix Ratio: 1:1 by volume

Shelf Life: 6 months if unopened

Storage: Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be above 55° F to prevent product crystallization.

DOT Classification: "Not regulated"

Viscosity: 1,200cps – 1,400cps typical

Cure Schedule:

Pot Life 1-2 minutes @ 700 F

Re-Coat 1 hour @ 70° F

Light Foot Traffic 1-3 hours @ 70° F

Full Cure 3-5 days @ 70° F

Application Temperature: 40-90° F (lower temperatures will require additional cure time)

SPECIFICATIONS

Product Testing Data:

Shore D Hardness: 40-45

Tensile Strength: 1,984 psi

Elongation: 100%

Impact Resistance: Excellent

Abrasion Resistance: 18.2 mg loss with a 1000 gram total load at 1000 revolutions with a CS17 wheel

Compressive Strength: 2,300 psi

Adhesion: 410 psi (elcometer) – concrete failure