

4920 Semi Rigid Polyurea Joint Filler

Installation Guide

PRODUCT DESCRIPTION

Versatile Building Products 4920 is a 100% solids Polyurea formulated for use as a semi-rigid joint filler. 4920 is made with a flexible polymer backbone, not a plasticizer, ensuring long durable performance. This easy-to-apply, semi-rigid, polyurea-based product offers the perfect joint filler balance of rigidity and elasticity. This gives concrete joints the strength they need to prevent damage, while keeping the joint filler flexible enough to avoid cracks and splitting. The 4920 is fast drying and can also be used for minor crack and divot repairs.

RECOMMENDED COVERAGE RATES

Sold in 600 ml Dual Cartridges Fills approximately 33 lineal ft of 1/16" x 4" deep crack

SUBSTRATE REQUIREMENTS

Concrete

Concrete Joints shall be structurally sound, stable, dry and free of sealers and contamination that could interfere with adhesion process.

ADVICE BEFORE INSTALLATION

- Take precaution to protect all areas that cannot get wet.
- Always wear you Personal Protect Equipment (PPE).

INSTALLATION STEPS

1. Mixing

- Insert the cartridge into a dual caulking gun.
- Remove end caps and insert mixing tip to the end of cartridge where the material comes out. Attach tightly.
- Squeeze trigger to cause the 4920 material to come out through the straw.
- That first 1-2 Inches of material squeeze off into another mixing cup and with a stir stix blend for 10-15 seconds then pour that into the Joint to make sure its mixed thoroughly.

2. Preparation

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If needed you can back fill the joint with silica sand or foam back rod to stop excess material flowing out the bottom of the joint.

3. Application

- Keep a small cup or bucket close to put the cartridge in if needed so material does not drip on the floor.
- Have a Rag handy as well to clean up excess drips.
- Squeeze trigger firmly and keep consistent pressure on it to cause the 4920 material to flow down the mixing straw and apply it into the crack.
- Apply the material quickly into the prepared crack or surface defect.
- Fill the crack so the material is flush with the top of the concrete.
- You can more easily smooth the surface of the crack with a disposable plastic putty knife after ALL the material is down than trying to do a portion at a time (you only have about 3 minutes to smooth out an area after it has been applied).
- Repeat the process to fill all the repaired cracks and or defects.
- 4920 hardens quickly so you will be able to grind off the excess material with a 4" cup grinder within 15-30 minutes (depending on the ambient temperature).

4. Clean-Up

- Clean up tools and splatter Lacquer thinner. Clean hands and exposed skin with a citrus-based hand cleaner.

****ADDITIONAL NOTES ON HAZARDOUS RUN-OFF****

Cure Times

- Product is dry to touch in 15-30 Min.
- Can be ground down if needed within 30 Min.

ADDITIONAL CAUTIONS AND RECOMENDATIONS

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- Coverage rates may vary depending upon porosity of the Concrete.
 - Mask all areas that need protection.
 - Always wear protective clothing and equipment as required by OSHA and as necessary.
 - Read Material Safety Data Sheets before commencing work.
 - Have all personnel who come in contact with liquids read The Versatile EPOXY, URETHANE, AND POLYASPARTIC 2K SAFETY GUIDE and Material Safety Data Sheets before commencing work.



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TECHNICAL SERVICES

- Technical services can be obtained by contacting Versatile directly at 714-829-2600.