



TECHNICAL DATA SHEET

4920 Polyurea Joint Filler

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.

ADVANTAGES

- 100% Solids, Zero VOC
- Low odor
- Fast cure
- Good resistance to most chemicals

TYPICAL USES

4920 is primarily used as a concrete joint filler to prevent spalling of concrete joints while allowing load transfer through the semi-rigid polymer backbone.

PROPERTIES

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| Volumetric Mix Ratio A:B | 1:1 |
| Color | Clear |
| Volumetric Solids | 100% |
| Weight Solids | 100% |
| VOC (Volatile Organic Compounds) | 0g/L |
| Pot Life , 1 Quart Mass, 77F, Gel Time | ~15min |
| Cure Time | Dry to Touch <3 Hours Through Cure 5-8 Hours Full Cure 7 Days |
| Elongation (ASTM D 638) | 60.5% |
| Tensile Strength (ASTM D 638) | 2,200p.s.i. |
| Hardness , Shore D (ASTM D 2240) | 58 |
| Adhesion (ACI 503R) | 350p.s.i. (100% Concrete failure) |
| Flammability | Self extinguishing over concrete |
| Chemical Resistance | Consult Rep. |