

PRODUCT DESCRIPTION:

Cracks can complicate an installation and telegraph through your coating if not properly repaired. For industrial facilities with heavy machinery traffic, joints are especially susceptible to spalling, chipping, cracking, and stress. Our 4930 Polyurea Crack and Spall Filler allows you to repair these vulnerable areas in concrete quickly and efficiently. 4930 Polyurea Crack and Spall Filler is a lowviscosity, two-component repair material designed as a ridged repair material for cracks, joints, and other imperfections in concrete. It's a fast-drying material that's easy to mix, featuring low odor and a VOC-free formulation. You can pour it in crack spalls and divots and be ready to grind it smooth in 20 minutes.

APPLICATIONS:

- Residential Floors
- Commercial Floors
- Industrial Floors

ADVANTAGES:

- Extremely Fast-Setting
- Zero VOC
- Low odor
- Pourable

LIMITATIONS:

- Do not mix more product than useable within working time or adhesion may be affected

COVERAGE RATES:

CRACKS	324 LF / GAL @ 1/4" X 1/4"
SPALLS	243 CU IN / GAL

TECHNICAL PROPERTIES:

VOLUMETRIC MIX RATIO	1A:1B	
VOLUMETRIC SOLIDS	100%	
VOC	0 g/L	
POTLIFE (1.5 GAL MASS)	3-5 Mins @ 75°F	
WORKING TIME	2-3 Mins @ 75°F	
DRY TO TOUCH	5 Mins @ 75°F	
FULL CURE	20 Mins @ 75°F	
SHORE D HARDNESS	ASTM D2240	75
TENSILE STRENGTH	ASTM D638	2,200 PSI
ELONGATION	ASTM D638	5.4%
ADHESION	ACI 503R	350 PSI
ABRASION	ASTM D4060	41.2 MG
FLAMMABILITY	SELF-EXTINGUISHING	

PACKAGING:

2 Gallon Kit

STORAGE:

Store materials indoors between 50°F & 75°F

SHELF LIFE:

One year from date of manufacture

APPLICATION EQUIPMENT:




Protective Clothing	3" Putty Knife SKU - 7039-2
Quart Measuring Cup SKU - 7019-Q	

PLEASE REVIEW SAFETY DATA SHEETS (SDS) & CHEMICAL SAFETY GUIDE FOR SAFETY AND PRECAUTIONS

ENVIRONMENTAL FACTORS:

Working times are affected by environmental conditions. Large masses of mixed and/or heated material will have shorter pot-life. Keep material core temps between 50-75°F. In elevated temps consider icing buckets to reduce product temps and cold climates use pail warmers

MIXING & APPLICATION STEPS:

	Profile cracks using V-blade on hand grinder and spalls using a rotohammer and point bit. Vacuum all dust and debris from cracks and spalls
	Measure equal amounts of A&B components at 1:1 mix ratio into quart measuring cup (no more than 8oz at a time)
	Using stir stick mix the A&B components until thoroughly blended for approximately 30 seconds



Pour material into prepped and cleaned cracks and spalls. Slightly overfill substrate defects and allow to dry 15-20 mins.



Once product is dry grind the repair flat using 7" grinder with dust shroud attachment

TECHNICAL SERVICES:

Technical services can be obtained by contacting Versatile High-Performance Coatings directly at 214-807-6878.

CLEAN-UP:

Immediately clean up splatter marks and tools with MEK or Acetone. Clean hands and exposed skin with mild soap and water, and/or citrus based hand cleaner.

DISCLAIMER:

All information provided in this technical data sheet is based on laboratory data. It is the responsibility of the customer to test the material for their application and conditions prior to using the product.

TEMPERATURE:

The product was tested at ambient temperature (75°F -77°F). Results WILL vary when product is used at temperatures different from testing temperature. The pot life, gel time, and cure time is generally longer for colder temperature applications, and shorter for higher temperature applications. Physical properties are also impacted and dependent upon temperature.

WARRANTY:

Versatile High-Performance Coatings guarantees that this product is free from manufacturing defects and complies with our published specifications. If the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Versatile High-Performance Coatings (herein referred to as "seller") makes no warranty, expressed or implied, regarding the use of its products. Since use of this product is beyond the seller's control, the buyer assumes all risk of use. Seller's obligation shall be to replace material if found defective. Seller shall not be liable for any damage, injury, loss, direct or consequential, resulting from the use of its products. End user must determine if substrate is suitable for coating application before installing.