

# CRETEX Fast~Grout 52™

Hydrophobic waterstop for  
stopping water infiltration.



Cretex  
Specialty Products



## PRODUCT DESCRIPTION:

Fast~Grout 52™ is a custom-formulated hydrophobic waterstop and void filling product packaged in two component cartridges. Typical use includes stopping fast flowing water infiltration in joints, cracks and pipe intrusion areas. Fast~Grout 52™ can be used to fill the holes and voids between the pipes and concrete. The convenient cartridge package allows easy access to hard to reach places. The fast reaction time of the material helps to stop water quickly before the resin is washed away.

Fast~Grout 52™ is dispensed using two component caulk guns equipped with static tube mixers. Hand, battery, or air operated guns are acceptable. No premixing of additional components is required. Static mix nozzles are provided with the cartridges.

## PRECAUTIONS:

This material is intended to be used by trained professionals with the proper equipment. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water. Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

Depending on the scope of the project, it may be advisable to consult a manufacturer's representative during installation.

## HEALTH AND SAFETY:

Material safety data sheets and product labels must be reviewed prior to use or handling the material.

## YIELD:

A typical cartridge will fill a volume of 1143 cubic inches (18730 cubic centimeters) or a 1-inch (25.4-millimeter) crack in an 8-inch (203-millimeter) thick by 8-foot (2.4-meter) high wall.

## MATERIAL STORAGE:

Cartridges should be stored above 60°F (15°C) and below 120°F (48°C). Open cartridges should be used quickly to avoid the material gelling in the cartridge or static mix nozzle. All spills of Fast~Grout 52™ should be disposed by absorbing the grout into an inert material and then transferring the mixture to an open top drum. Do not seal the waste drums for 24 hours to allow the Fast~Grout 52™ to react completely. Dispose of waste material in accordance with state and local regulations.

## PACKAGING:

Fast~Grout 52™ is available in kits consisting of 12, two-component cartridges; 12 static mix nozzles and nuts.

## SITE PREPARATION:

The temperature of the wall may alter the reaction time of Fast~Grout 52™ when it is injected. Colder walls and concrete will extend the reaction time. Warmer walls will shorten the reaction time. The reaction can be accelerated by heating Fast~Grout 52™. Our recommended application temperature is between 55°F to 90°F (12.8°C to 32.2°C).

## CONCRETE CRACK REPAIR INSTRUCTIONS

### Step 1. Drilling

Drill a series of staggered holes along the full length of the leaking crack. Space the holes 4 to 6 inches apart starting at the bottom. For best results, insert the drill at a 45-degree angle toward the crack.

### Step 2. Flushing with water

Attach the valve and nozzle supplied with the kit to a garden hose. (A pump sprayer may also be used to supply water.) Starting at the bottom, flush each hole while adjusting the water to a low-pressure stream using just enough water to flush the debris from each hole and to wet the entire crack.

**TIP:** Water promotes a foaming reaction of Fast~Grout 52™ within the crack.

### Step 3. Assembling the cartridge

Shake cartridge well before installing nozzle. Remove outer and inner cap on outlet port. Attach applicator nozzle with threaded retaining nut. Place the cartridge in the dispensing gun.

### Step 4. Injecting Fast~Grout 52™

Working from the bottom to the top, insert the nozzle into the first hole and squeeze the cartridge gun three to four times. Depending on the size of the leaking crack, one cartridge should be sufficient to treat approximately 8 feet.

### Step 5. Cleaning and finishing

With a flat-bladed tool, remove any excess grout on the exterior of the crack. Patch any holes using a putty knife, with concrete material.

**Table 1: Physical Properties of Uncured Materials**

	Part A	Part B	Measurement	Test Method
Color	Pale Yellow	Clear		Visual
Specific gravity	1.04-1.05	1.22		ASTM D891
Viscosity at 77°F (25°C)	400-500	175-225	Centipoise	ASTM D4878
Storage stability	12	12	Months	
Corrosiveness	Non-corrosive	Non-corrosive		
Flash point	190 (199)	>390	Fahrenheit (Celsius)	
Hazard class	Not regulated	Not regulated		

**Table 2: Physical Properties of Cured Materials**

	Fast~Grout 52™	Measurement	Test Method
Tensile strength	38±7	psi	
Elongation	3.5	Percent	
Pot life at 77°F (25°C)	<10	Seconds	
Density	2.5-3	pcf	In-house
Toxicity	Non-toxic		

Note: These values were generated while simulating a situation where Fast-Grout 52™ was applied under pressure similar to typical field condition applications.

**WARRANTY** The information contained in this document is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. The customer must inspect and test our products before use, and satisfy themselves as to the contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental or consequential damages.