

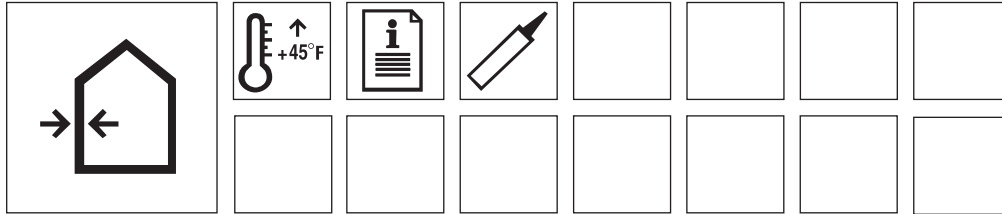
Sto Flexible Crack Filler

CR214

Division 3

vertical crack filler
gun-grade
flexible

**acrylic-based, using
proprietary StoCryl technology**



Sto Flexible Crack Filler is an acrylic-based, non-sag crack filler for sealing and weatherproofing cracks. Use it to fill hairline cracks in vertical concrete, stucco or masonry block surfaces. Its convenient cartridge packaging provides a fast way to fill cracks, up to 1/8 inch (3.2 mm) wide.

Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS
Solids (%)	by weight		> 65
	by volume		> 45
Working Time (minutes)			15-45
Adhesion (psi)	ASTM D-4541	7 days	>185
Elongation (%)	ASTM D-412	7 days	>75
Tensile Strength (psi)	ASTM D-412	7 days	>175

*Typical values for material cured at 73° F (23° C) and 50% R.H.
Note: To convert psi to megapascal (MPa) multiply by 0.0069.

Coverage

175-200 lineal feet per cartridge at 1/16 inch wide by 1/8 inch deep (53-61 mm per cartridge at 1.6 mm wide by 3.2 mm deep).

Packaging

10.3 ounce cartridge,
12 cartridges per case (0.3 L)

Shelf Life

12 months in original, unopened, properly stored container.

Storage

Store in a dry area, between 50° F (10° C) and 85° F (29° C). Protect from direct sunlight, extreme heat [90° F (32° C)] and freezing.

Features	Benefits
1 Acrylic-based	Excellent adhesion; internal flexibility
2 Flexible	Accommodates substrate movement; does not age harden
3 Non-sag consistency	Hangs vertically without sagging; tools easily
4 Convenient cartridge packaging	Easy to apply; no mixing required
5 Cleans up with water	Tools can be reused; no hazardous solvents needed; environmentally friendly
6 VOC compliant	Safe for workers

Surface Preparation

Remove loose and deteriorated material by chipping the crack with a utility knife. Make sure surfaces are sound, clean, dry, and free of all bond-inhibiting materials including mildew, dust, dirt, laitance and standing water.

Mixing

Use Sto Flexible Crack Filler at a preconditioned temperature of $70 \pm 5^\circ \text{F}$ ($21 \pm 3^\circ \text{C}$). Cut the nozzle of the cartridge to the desired width, break the seal and place the cartridge in a standard caulking gun. Working time is 15-45 minutes depending upon material, ambient and surface conditions.

Application

Apply only to sound and clean, dry, properly prepared, frost-free surfaces.

Apply Sto Flexible Crack Filler directly into the cracks using a conventional cartridge gun. Then, using a putty knife, strike the excess material flush with the surface and feather it into the existing texture of the surface. Drying time is 2-4 hours depending upon ambient conditions.

Curing/Drying

Protect from rain, freezing and continuous high humidity until completely dry.

Clean Up

Clean tools and equipment with water immediately after use. Cured material can only be removed mechanically.

Limitations

- Apply only when ambient and surface temperatures are 45°F (7°C) and rising.
- For cracks greater than $\frac{1}{8}$ inch (3.2 mm), consult Sto representative.
- Protect from freezing.
- Not recommended in lieu of elastomeric sealant for movement joints.

How It's Used

Sto Flexible Crack Filler is a non-sag, acrylic-based crack filler. Use it for filling hairline cracks, up to $\frac{1}{8}$ inch (3.2 mm) wide, in vertical concrete, stucco or masonry block surfaces. Its non-sag consistency is packaged in a convenient cartridge that is ready to use on the job-site. Tools clean up quickly and easily with water.

Health And Safety

Health Precautions

Product is water-based. As with any chemical construction product, exercise care when handling.

Safety Precautions

Use adequate ventilation, safety goggles and protective gloves are strongly recommended. Remove contaminated clothing immediately.

First Aid

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush immediately with water for 10-15 minutes and contact a physician.

RESPIRATORY PROBLEMS: Remove affected person to fresh air immediately and contact a physician.

HYGIENE: Wash hands immediately after use. Wash clothing before reuse.

Spills

Collect with suitable absorbent material such as cotton rags.

Disposal

Dispose of in accordance with local, state, or federal regulations.

Warning

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet for further health and safety information.

LIMITED WARRANTY

THIS PRODUCT IS SUBJECT TO A WRITTEN LIMITED WARRANTY WHICH CAN BE OBTAINED FREE OF CHARGE FROM: Sto Corp., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119

Sto Corp.

3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331
Tel: 404-346-3666
Toll Free: 1-800-221-2397
Fax: 404-346-3119

www.stocorp.com



SCR155-214 03/03 VEN 5609