

MAR-FLEX FOUNDATION CRACK INJECTION AND REPAIR

Cracked Foundation?

Don't Tackle A Job Without
Mar-flex At Your Side.



Mar-flex Crack Repair Products

Crack Injection Repair Kits, Stitch Kits, Urethanes, Epoxies, Port Pastes, Accessories

Try the complete line
of Mar-flex products.

Foundation Waterproofing | Waterproofing Membranes | Dampproofing Products | Concrete Repair
Concrete Anchor Epoxies | Drainage Boards | Egress Window Wells | Standard Window Wells
Sealers/Mastics | Control Joint Systems | Air Barrier Systems | Vortex Vents

SINGLE USE 6-8' POLYURETHANE CONCRETE CRACK REPAIR KIT

marflex

Everything you need to repair foundation cracks with just a few minutes work!



DIY Easy. Pro Results.

This kit will repair 6-8 linear feet!

**Penetrates Deeply.
Lasts Permanently.**

NO DRILLING!
SIMPLE injections using a common CAULKING GUN.

1. Place Drop Cloth on floor in front of work area. Clean surface around crack using wire brush.

2. Prepare Adhesive mixing equal parts of Crack Seal/Port Adhesive Part A & Crack Seal/Port Adhesive Part B.

3. Center the Ports over crack starting at a point near the floor.

4. Apply Surface Seal Epoxy Paste, using the included trowel, along the entire length of the crack. Let cure about 2-3 hours (until fingernail hard.)

5. Place the Mar-flex Injection Cartridge in your caulking gun. Attach Mixing Nozzle, Nut and Hose Assembly. Attach to lowest Port and begin injecting.

IAT-64250

*Epoxy Repair Kit IAT-64255

*Special Order Only

This Mar-flex Polyurethane kit includes all of the materials and accessories for low-pressure injection and repair of 6-8 linear feet of crack.

- 1, 8 oz. jar of Crack Seal and Port Adhesive, Part A
- 1, 8 oz. jar of Crack Seal and Port Adhesive, Part B
- 2 wooden sticks
- 15 surface ports and caps
- 2 single cartridges of Mar-flex Injection Foam Polyurethane Resin
- 2 (3/8": 24) mixing nozzles for mixing Injection Resin
- 1 injection hose assembly with white plastic shut-off valve
- 2 pair nitrile gloves
- Wire brush
- Safety goggles
- 1 plastic trowel
- 1 drop cloth
- Printed instructions & link to online ihow-to video
- Product Data & SDS Sheets

You'll also need:

- Standard single caulking gun
- Scrap cardboard for mixing Surface Seal and Port Adhesive
- Clean plastic bottle filled with 1-2 cups of water

CONTRACTOR CRACK INJECTION 30' START-UP KIT

marflex

Everything the contractor needs to repair foundation cracks!



This kit will repair up to 30 linear feet!

IAT-64100

Everything you need to repair foundation cracks up to 30 linear feet

The Mar-flex Crack Injection Start-Up Kit contains all the materials and supplies necessary to repair foundation cracks.

Mar-flex Crack Injection Start-Up Kit Advantages

- Repairs up to 30 lineal feet of foundation cracks
- Easy to use
- Fixes hairline cracks to actively leaking cracks
- Additional concrete repair products available

Mar-flex Crack Injection Start-Up Kit includes:

- 1 Dual Cartridge Crack Injection Gun
- 3 Dual Cartridge Quick Set Surface Port Paste
- 3 Dual Cartridge Quick Foam Fine
- 1 Quick Set Urethane Adhesive
- 3 Static Mixers
- 3 Retaining Nuts
- 50 Quick Port Surface Mounts
- 10 Quick Port Corner Mounts
- 4 Quick Hose Injection Assembly
- 1 Safety Goggles
- 5 pair Gloves
- 1 Plastic Trowel
- 1 Wire Brush
- 1 Tool Box


MAR-FLEX CRACK INJECTION ACCESSORIES

The items below are all accessories that are used when repairing concrete and are listed here for your convenience.

Quick Foam Fine Urethane
IA-68100
6 (1:1 cartridges)/box
A hydrophobic polyurethane liquid formula designed to prevent water from penetrating cracks. Best suited for dry or damp hairline or larger cracks not actively leaking




Quick Foam Broad Urethane
IA-68120
6 (1:0 cartridges)/box
Designed to stop water infiltration or ex-filtration
Best suited for actively leaking cracks that are 1/8" or wider



Quickset Surface Port Paste
IA-68160
Two component smooth epoxy adhesive designed to seal the surface of a crack and to attach ports to masonry surfaces.
6 (1:1 cartridges)/box



QuickSet Surface Seal & Peel
IA-68165
Two component, solvent free, paste adhesive. It is used as a fast-curing removable surface sealer and to attach ports in epoxy and urethane foam crack repair. Cured product does not require sanding or grinding for removal from the wall. 6 (1:1 cartridges)/box




Low Viscosity Epoxy Crack Filler IA-68140
8 (2:1 cartridges)/box
Prevents movement along cracked surfaces and protects cracks from absorbing water and other substances
For the injection of dry or damp cracks that are hairline and larger




Anchor Epoxy IA-68170
12 (1:1 cartridges)/box
12 static mixing nozzles & retaining nuts included
Two-component epoxy adhesive. Ideal for anchoring bolts, dowels and reinforcing rebar in concrete
*Special Order Only




1/4" : 24 Quick Mix Static Mixer IA-68180
24/box
Designed to be used with cartridge systems
Recommended to be used with Quick Foam Fine (IA-68100), Quick Foam Broad (IA-68120)



1/4" : 32 Quick Mix Static Mixer IA-68190
24/box
Designed to be used with cartridge systems
Recommended to be used with Low Viscosity Epoxy Crack Filler (IA-68140)




Retaining Nuts IA-68210
10/bag
Threaded nuts to hold mixing nozzle onto dual cartridge during crack injection process




Univeral Ports IA-68280
Designed for surface/corner mounted low pressure crack injection. Surface/ corner ports are suitable for both epoxy and urethane materials. Flush mounts to both flat and corner concrete surfaces.
250/box



Flexible Quick Hose Injection Assembly IA-68220
10/box
Use to get to those hard to reach injection ports.
Can be used with either epoxy or urethane materials




Low-Pressure Drill-In Port IA-68230
100/bag
To be used on hairline and actively leaking cracks
Requires a 5/8" diameter drilled hole
Internal ball bearing prevents back-flow of material during injection




Putty Knives IAT-64210
25/box
1.5" plastic, disposable putty knives
Ideal for hand mixing and applying surface port paste



Stir Dish IAT-64215
200/box
Clear stir dishes
Suitable for mixing surface port paste




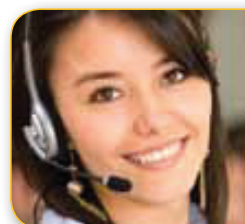
Wall Preparation Brush IAT-64225
Composite handle wire brush
Removes loose and scaled material from both smooth and rough masonry surfaces



Hypo-Allergenic Gloves IAT-64240
100 pieces/box
Ambidextrous, disposable latex gloves
Ideal for use with Crack Injection materials
6 mil Nitrile



Crack Injection Dual Cartridge Gun Economy IAT-64114
Easy front loading with rear tube seals to prevent leaking
Kit included to convert gun from 1:1 to 2:1 applications

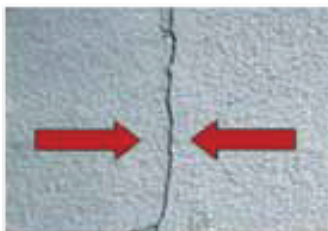



Questions?
Call Mar-flex Today!

800 498 1411

MAR-FLEX STITCH KITS

Possible Directions of Wall or Floor Movement



Thermal Changes
(Opening & Closing)



Uneven Loading and
Settling of Footing

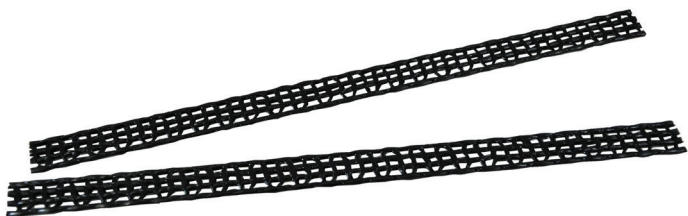


Soil Pressure



Soil Shrinkage

Carbon Fiber Stitches



Mar-flex Stitch Kits

Mar-flex Grids are a pre-impregnated, bidirectional carbon fiber grid for use as a near surface reinforcement for crack stitching and strengthening of concrete foundation structures. The grids are installed using Mar-flex resin to form a carbon fiber reinforced polymer system.

USES:

- Structural Retrofit & Upgrades
- Crack reinforcement & strengthening (increasing service life)
- Use on concrete foundation walls and floors

IA-68166 Stitch Kit (Single)



10' Stitch Kit Single

The Single-Stitch Kit is designed to reinforce up to 10' of lineal crack.

Kit Contents:

- Carbon fiber stitches (5)
- Tubeset of hi-mod gel (1)
- Green sulzer mixers (2)

*Dual Cartridge Gun Required for Gel Resin

IA-68167 Stitch Kit (Triple)



30' Stitch Kit Triple

The Triple-Stitch Kit is designed to reinforce up to 30' of lineal crack.

Kit Contents:

- Carbon fiber stitches (15)
- Tubeset of hi-mod gel (3)
- Green sulzer mixers (6)