

Crack Injection Products

Quick Foam Broad Urethane

Description

Quick Foam Broad is a hydrophilic polyurethane liquid with a 100 cps.

Uses

Quick Foam Broad is designed to be injected into cracks in order to stop water infiltration and ex-filtration. When the product reacts it creates a closed cell barrier that prevents water infiltration. Best suited for cracks that are 1/8" or wider which are wet or actively leaking.

Required Prep Work

Lay down crack injection drop cloth. Wire brush surface area to remove debris and roughen the surface. Place a Quick Set Surface Port or Quick Set Surface Seal & Peel paste cartridge in the injection gun. Remove caps and attach a ¼": 24 Quick Mix Static Mixer onto cartridge using a retaining nut. Inject just enough of the paste into a stir dish that you can work with to attach ports. Mix well with a putty knife. NOTE: If desired paste can be injected into the stir dish without the use of a static mixer.

Installation

Installing the Universal Wall Surface/Corner Mounts: Using a putty knife, apply the port paste to the base of each port, being sure not to cover the injection hole with the paste. Starting at the bottom of the crack, place ports every 8-10" apart until reaching the top of the crack. **Prep for Low-Pressure Drill-In Ports:** Put on a dust mask before drilling into concrete. For cracks 1/16" wide or less, cracks in corners and actively leaking cracks use a 5/8" concrete drill bit. Drill a 2 to 4" deep hole at a 15 to 30° angle intersecting the crack. You will feel a slight release of pressure when your drill bit intersects the crack. Repeat ever 8 to 10" alternating from side to side until entire crack is drilled. Use a can of compressed air or shop vac to remove concrete dust from drilled holes making sure the crack is not blocked with dust. **Installing Low-Pressure Drill-In Port Insertion:** Insert the black-sleeved end into drilled hole. Note: No other parts are needed as the check valve inside the port prevents material from flowing out during and after injection.

Injection

Begin injection at the lowest port/mount, with slow consistency until product begins to flow from the port above. Remove mixing nozzle and begin injecting the next port and so on up the crack. After initial injecting a few ports, come back to the first port and inject all the ports for the second time. Some of the ports may take additional material and others won't. Note: It is important to keep injection gun parallel to the port during the injection process. If fluid stops flowing through the static mixer and pressure increases on the trigger, this could be a sign of dust clogging up the flow

of product in the crack. At this time, relieve pressure off gun, cap off port and move to next port.

AFTER INJECTION IS COMPLETE:

If the homeowner requests removal of the ports and paste, use a chisel and a hammer to get up behind the paste or a grinder/sander can be used. If the Quick Set Surface Seal & Peel is used removal is best done within 24 hours of the application. Using a chisel and hammer work product off the wall and pull off the remainder. If left on longer, more force may be required. NOTE: For additional resources, see Mar-flex Crack Injection Instructional Video for Wall Injection.

Packaging

21 oz. 1:0 Dual Cartridge (Product & Empty – Add water). 6 per case.

Shelf Life

One Year – Unopened

Limited Warranty

We warrant the product to be of good quality and manufactured to meet published physical properties and quality control standards. Except as specifically provided herein, Mar-flex makes no warranty, express, implied or oral including but not limited to any warranty or merchantability, fitness for a particular purpose, usage of trade, course of dealing or course of performance in connection with this agreement. In no event shall Mar-flex be liable on any such warranty with respect to the product. Mar-flex shall not be liable for incidental or consequential damages including, but not limited to damages of the structure, its replacement, contents or personal injury. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

HEALTH AND SAFETY INFORMATION IS GIVEN IN THE MATERIAL SAFETY DATA SHEET AND THE PRODUCT DATA SHEET AVAILABLE FOR THIS PRODUCT. THESE SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.



**COMMERCIAL
PRODUCT**



**RESIDENTIAL
PRODUCT**

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Quick Foam Broad Urethane

Quick Foam Broad Spec Sheet		
Property	Method	Results
Color		Amber
Total Solids		100%
Application Method		Dual Cartridge Caulk Gun
Application Range		40° to 120° F
Elongation @ 70° F (21°C)	(ASTM D-3574- 88)	400%
Total Cure Time		24 hrs.
Tensile Strength	(ASTM D-3574- 86)	380 psi