



PROSOCO



CONCRETE PATCH-TIE

Provides mechanical engagement for patching material

The Concrete Patch-Tie is a stainless steel helical-shaped anchor that provides a non-corrosive mechanical connection between damaged concrete and patching material. It's typically applied with concrete patch repairs to balconies, curbs, coping, precast, columns, beams and flatwork.



**EASY & FAST
INSTALLATION**



ALMOST INVISIBLE



**304 & 316
STAINLESS STEEL**



LABOR SAVINGS



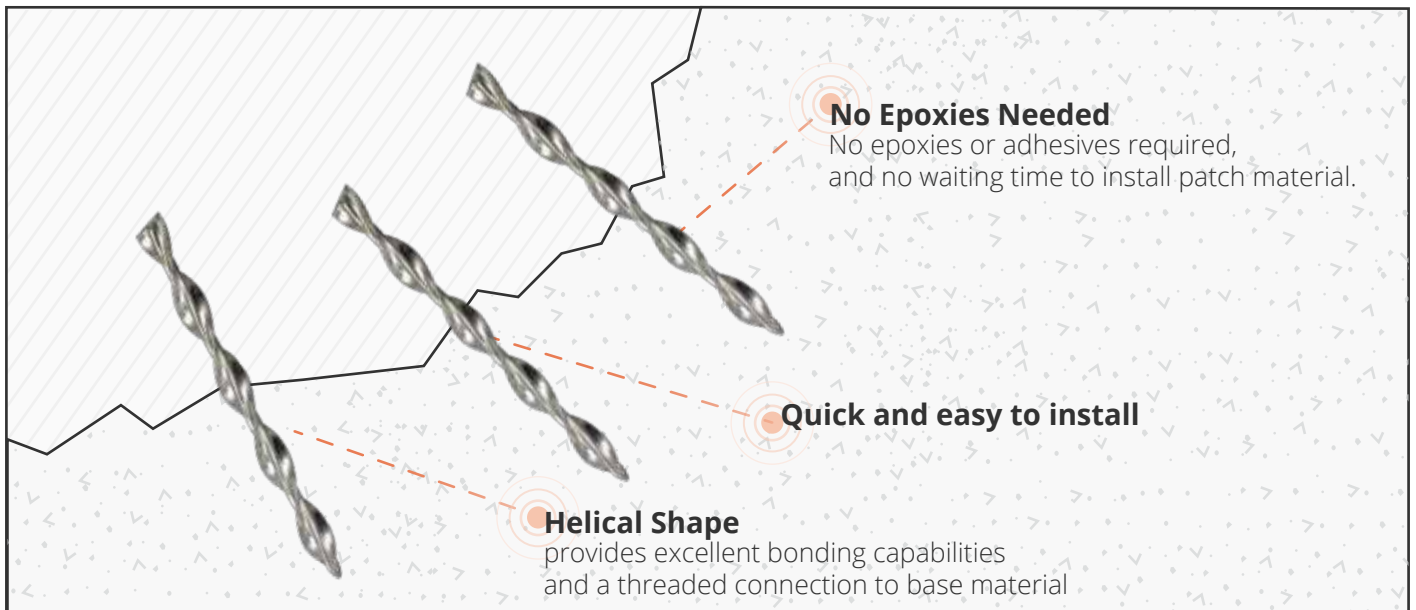
CORROSION-RESISTANT



**STRONG CONNECTION
TO BASE MATERIAL**

Concrete patch

Existing concrete



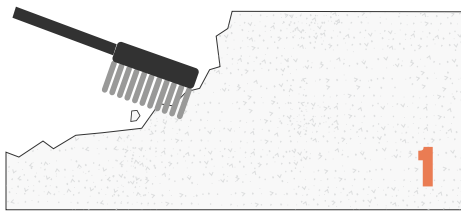


CONCRETE PATCH-TIE

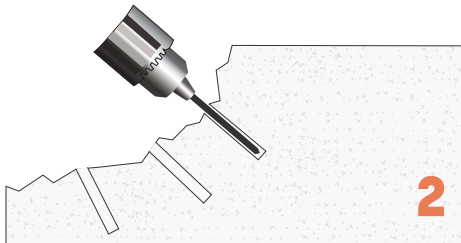
Provides mechanical engagement for patching material

Strengthens the bond of a concrete patch by providing a mechanical connection between the existing concrete and new patch material

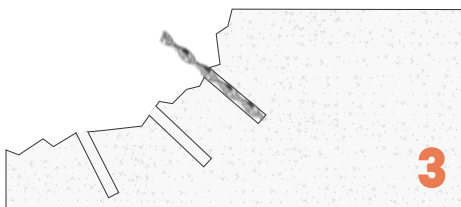
Installation



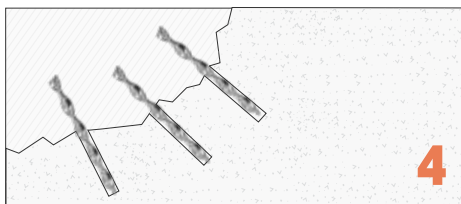
Remove all unsound concrete from area to be patched, and clean any remaining dust or debris according to the specified patching material's cleaning requirements.



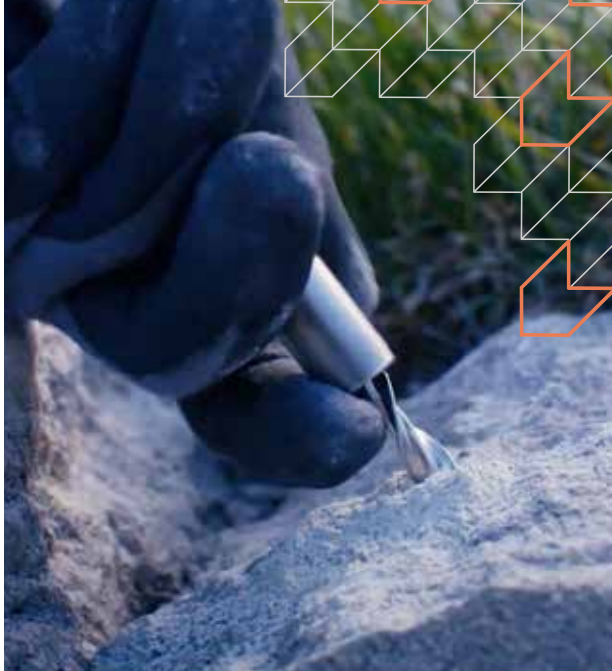
Drill pilot holes at up to a 45 degree angle using the included 1/4" diameter drill bit on a SDS+ rotary hammer drill.



Set the SDS+ rotary hammer drill to **hammer-only mode** and attach the included setting tool sleeve over the drill bit. Install the Concrete Patch-Tie to the maximum depth the setting tool will allow.



Clean additional dust and drill debris after the Concrete Patch-Tie installation, and install new patching material according to the manufacturer's instructions.



Applications

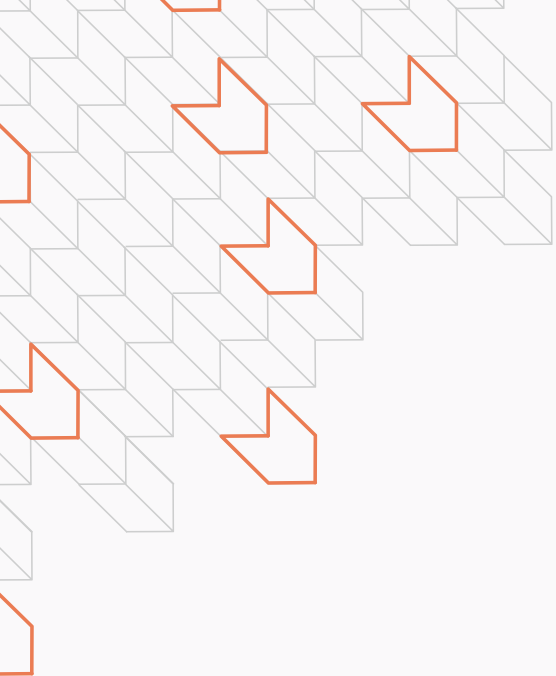
The Concrete Patch-Tie is a stainless steel helical shaped Stitch-Tie® anchor and is used to provide a non-corrosive mechanical connection between damage concrete and patching material. The anchoring system is typically applied with concrete patch repairs to balconies, curbs, coping, precast, columns, beams flat work, etc. as a means to key the patch material mechanically to the parent structure. The pin can be used to attach patches to limestone.

Technical Specifications

Material	Type 304 stainless steel (or Type 316 available upon special request)
Diameter:	8mm
Length:	3" or 4"
Diameter of pilot hole:	1/4" (Drill bit provided within Concrete Patch-Tie Kit)
Depth of pilot hole:	1-3/4" minimum
Edge distance:	2" from edge of patched area
Anchor spacing:	6-8" on center recommended, with a minimum of two pins per patch.
NOTE:	<ul style="list-style-type: none"> - Concrete Patch-Ties may be bent to ensure they are installed below the concrete patch surface. - Stainless steel wire may be strung between bent Concrete Patch-Ties to create a "basket" providing additional mechanical engagement for the new patching material.
Typical concrete pullout capacity:	1,200 lb

Installation Equipment:

For drilling clearance hole:	SDS+ rotary hammer drill
For installing Patch-Tie	Concrete Patch-Tie Setting tool with SDS+ rotary hammer on hammer-only mode



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Field Support

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JEFF

Engineering Support

Engineering details and personalized solutions for your specific needs.

COLLEEN

Customer Care

We're real live people who answer the phones! Really. We're here M-F, 8a-5p, CST.

BRIAN

Field Support

We come to you to support your projects when and where you need us.



Where building meets science

We have invested years and years of resources into testing and developing the best products on the market to improve the performance and durability of our built environment. Here's a look at where we can help you extend the life of your building (it's not just masonry cleaning!).

Anchor Systems
Secure masonry buildings with restoration anchors and wall ties.

Hard Surface Care
Clean and protect interior and exterior masonry, architectural metal and more.

Air & Water Barriers
Control the leakage of air and water for maximum building envelope performance.

Water Repellents
Protect masonry and increase its service life by locking water out.

Concrete Flooring
Optimize floor performance and aesthetics with hardeners, decorative colors, maintenance cleaners and more.

Hardscapes & Pavers
Enhance the appearance, performance and life of exterior hard surfaces.





Grand Central Station
New York, NY



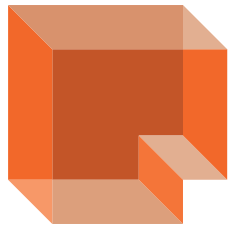
Wrigley Building
Chicago, IL



United States Capitol
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