

STUCCO-TIE

Secures delaminated stucco

The PROSOCO Stucco-Tie, formerly called CTP Stucco Tie, is a stainless steel helical-shaped anchor and is used to provide a non-corrosive mechanical connection between a backup material and stucco as a means to key the patch material mechanically to the parent structure.

The Stucco Tie is manufactured of type 304 and 316 stainless steel. It is available in 3" and 4" lengths. The thread pitch is 0.79 threads per inch and cross sectional area is 0.016 sq. in.



**EASY & FAST
INSTALLATION**



**ALMOST
INVISIBLE**



**304 & 316
STAINLESS STEEL**



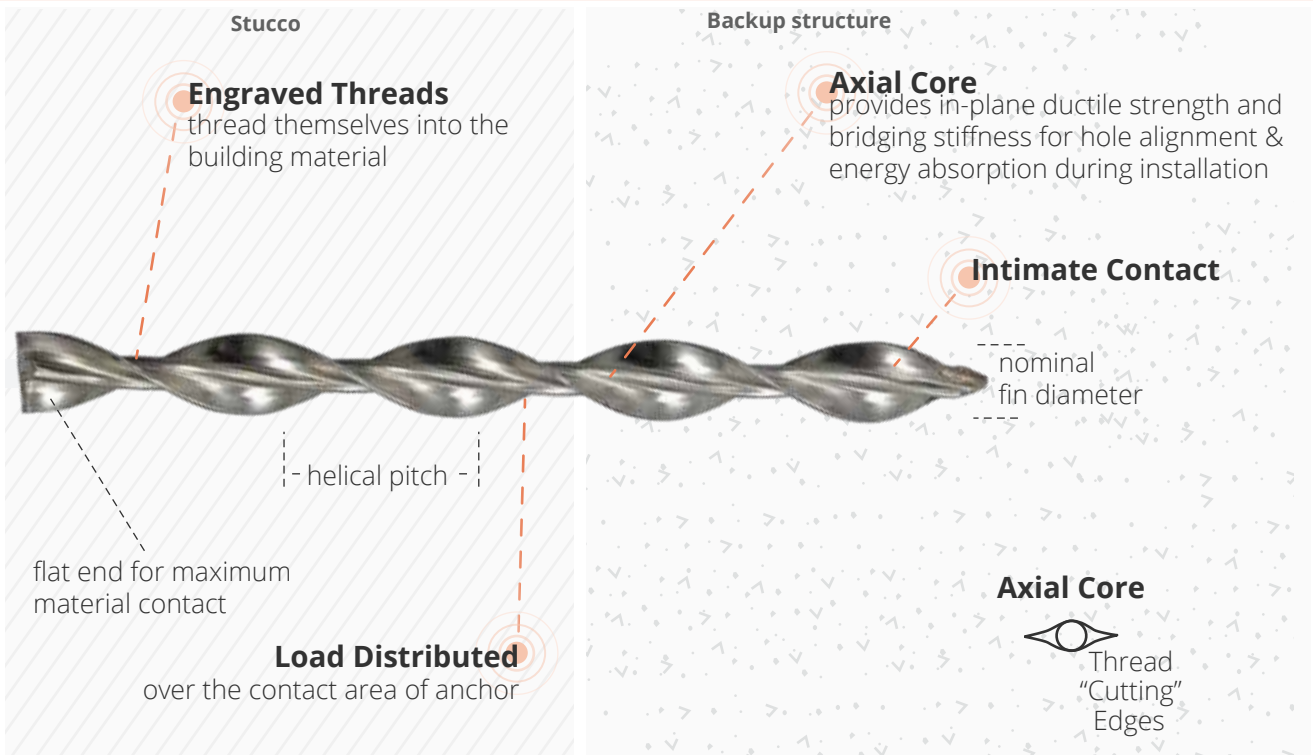
**REPAIR YOUR STUCCO
DON'T RE-DO IT**



**SECURES POSSIBLY
DANGEROUS STUCCO**



**STRONG CONNECTION
TO BASE MATERIAL**



STUCCO TIE

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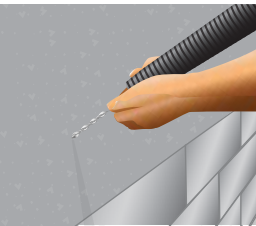
Overview

Stucco is an exterior surface treatment of buildings consisting of Portland cement plaster. It's typically applied on masonry or building surfaces in thicknesses 5/8" to 1-1/2" thick. Delamination of the stucco can occur if the original construction connection has been compromised. Re-anchoring existing stucco veneer can be accomplished with 8mm x 3" or 4" Stucco Tie helical anchors. Installed in a 3/16" pilot hole, the ties provide a threaded connection of the existing stucco and back-up masonry. The anchor is 304 stainless steel and can be produced in 316 stainless steel if additional corrosion protection is required. The pilot hole should be drilled at a 30°-45° angle for optimum anchor engagement. However, 90° to the face installations are possible in some instances.

Installation



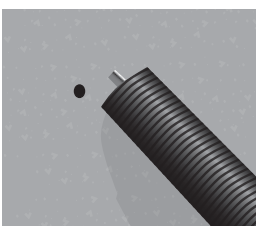
Step 1: Drill a 3/16" pilot hole using a percussion hammer drill (3-jaw-chuck type) through the stucco.



Step 2: Insert the Stucco Tie into the dry set installation tool mounted on the rotary hammer SDS drill.



Step 3: Drive the Stucco Tie until the nose of the dry set installation tool is hard against the veneer.



Step 4: The dry set installation tool automatically recesses the Stucco Tie into the face of the stucco. The hole is now ready to patch.

CTP Stucco Tie Physical Characteristics*

nominal dimensions

Outside Tie Diameter	8mm
MASS: lb/ft (kg/m)	0.051 (0.076)
Cross Sectional Area (under load): in ² (mm ²)	0.016 (10)
Yield Strength: ksi (N/mm ²)	108 (745)
Ultimate Tensile Strength: ksi (N/mm ²)	128 (880)
Ultimate Shear Load: ksi (pure shear, no bending) lbs (N)	1169 (5200)
Elastic - Modulus: ksi (Gpa)	21,583.5 (148.8)
Helix Angle: (to longitudinal axis)	40°
Pitch Length: in. (mm)	0.79 (20)
Helical Pitch Length: in. (mm)	1.57 (40)

* Material: ASTM A-167 TYPE 304 Stainless Steel