

# LIGHT DUTY SOCK (LDS) ANCHOR

## Grout-injection sock anchoring system to stabilize solid and hollow masonry walls

A sleeved version of the PROSOCO Grout-Tie, the PROSOCO Light Duty Sock Anchor (LDS) features a sleeved, stainless steel helical core which makes this anchoring method simple and cost-effective. The PROSOCO LDS can be used to pin rubble-filled masonry or stone walls with large voids, multi-wythe solid masonry, and even cavity constructions with hollow backup materials.



**COST-EFFECTIVE**



**FULLY CONCEALED**



**QUICK AND SIMPLE**



**MINIMUM DISTURBANCE**

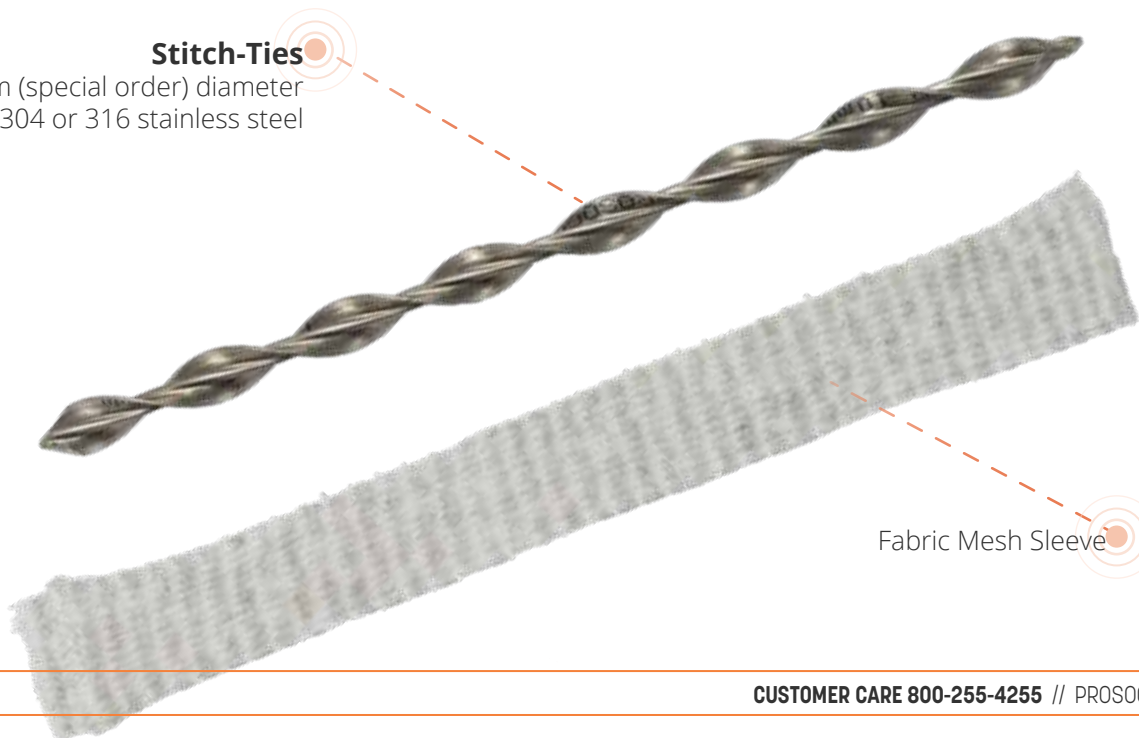


**DOESN'T ADD TENSION BETWEEN WYTHES**



**STABILIZES SOLID AND CAVITY MASONRY WALLS**

**Stitch-Ties**  
10mm or 12mm (special order) diameter  
of AISI type 304 or 316 stainless steel



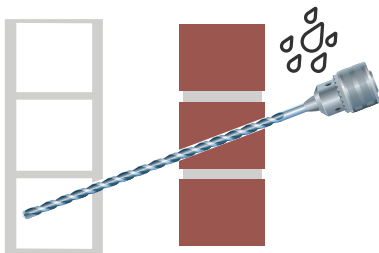
Fabric Mesh Sleeve



# LIGHT DUTY SOCK (LDS) ANCHOR

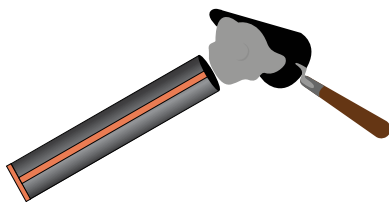
## Grout-injection sock anchoring system to stabilize solid and hollow masonry walls

Follow these step-by-step instructions for an easy and cost-effective wall repair and restabilization.



1. Drill pilot hole through the cladding or mortar joint at a 15-30 degree angle (upwards or downwards) to the required depth. Clean with a brush and water to remove debris.

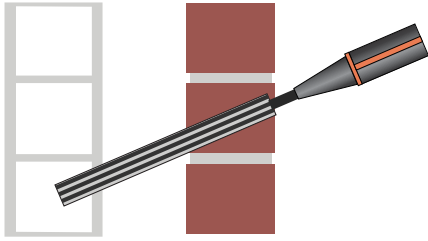
2. Mix the two-part, ready-to-mix packs of SureGrout powder with the provided admixture. Pour the liquid into the pail provided, pour the powder slowly into the pail, and mix with a paddle mixer for a full 2 minutes, ensuring that the powder is completely blended. No additional water or powder should be added. Once mixed, the grout is ready to be used and has a usability time of 45 minutes. Cover pail from direct sunlight.



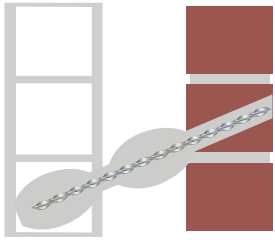
3. Load the mixed SureGrout into the grout gun and screw the pinning nozzle onto the filled grout gun.



4. Cut sock material 1/2" less than helical anchor length. Insert the helical into the grout-filled nozzle, then feed the sock over the nozzle until the nozzle reaches the bottom of the sock.



5. Insert nozzle and sock assembly into the hole. Begin pumping the grout and tie out of the nozzle between 40 and 80 psi. Slowly retract the nozzle as the grout is injected.



6. Once the nozzle has fully retracted, clean the surrounding masonry. If the anchor is recessed, let the grout become thumb-print hard and patch the hole with color-matched mortar or other specified patching compound.

## TECHNICAL SPECIFICATIONS

<b>Helical Core Material:</b>	AISI Type 304 or 316 Stainless Steel (special order)	
<b>Helical Core Diameter:</b>	10mm	12mm (special order)
<b>Minimum Pilot Hole Diameter:</b>	5/8"	7/8"
<b>Injection Material:</b>	SureGrout S (3,900 psi compressive strength) thixotropic grout SureGrout S60 (8,700 psi compressive strength) thixotropic grout	
<b>Drill Depth:</b>	Solid applications: 1" less than material being anchored. Hollow applications: drill through at least one face shell.	
<b>Anchor Length:</b>	Solid applications: 2" less than material being anchored. Hollow applications: size the helical anchor so that it engages at least one face shell and comes into contact with a solid surface at the backside of the void. Additional face shell engagement allows for increased redundancy and performance.	
<b>For drilling:</b>	Solid applications: SDS Rotary Hammer drill or 3-jaw chuck hammer drill Hollow applications: 3-jaw chuck hammer drill	
<b>For mixing :</b>	3-jaw chuck drill with mixing paddle	
<b>For injection grouting:</b>	PROSOCO manual grout gun or Albion air-powered bulk gun (preferred) with PROSOCO injection pinning nozzle	



### SUREGROUT

(3900psi, 27.5 Mpa or SureGrout S60  
8700psi, 60 Mpa)



### STITCH-TIE HELICAL ANCHOR

10mm x 10" (62905-LD1010)  
10mm x 20" (62905-LD2010)  
12mm x 10" (62905-LD10)  
12mm x 20" (62905-LD20)  
12mm x 40" (62905-LD40)



### GUN AND NOZZLE



### MIXING PADDLE



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