

# 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**

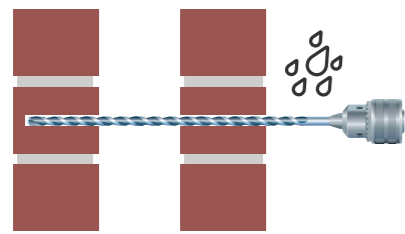
Socket Anchoring installations also require :



# LIGHT DUTY SOCK (LDS) ANCHOR

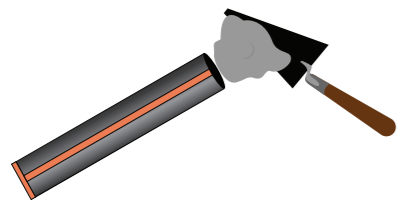
## Grout-injection sock anchoring system to stabilize solid and hollow masonry walls

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



1. Drill pilot hole to the required depth and clean with water

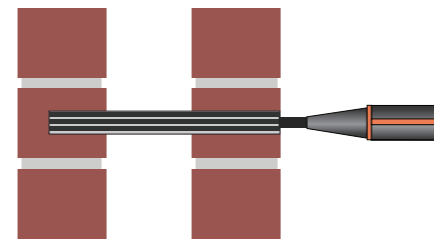
2. Mix the two-part, ready-to-mix packs of SureGrout S powder with the provided admixture. Pour the liquid into the pail provided, pour the powder slowly into the pail, and mix with a paddle mixer for a full 2 minutes, ensuring that the powder is completely blended. No additional water or powder should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



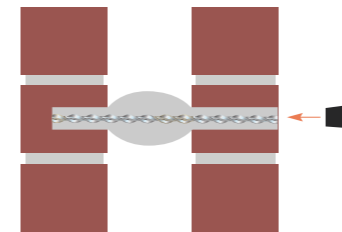
3. Load the mixed SureGrout S into the grout gun and screw the pinning nozzle onto the filled grout gun.



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 into the sock. As the sock enlarges, pressure buildup forces the nozzle to retract, leaving the sock and tie in place.



6. Once the nozzle has fully retracted, plug the hole with the stopper provided. After 1 hour, take out the stopper and patch the exposed hole.

## TECHNICAL SPECIFICATIONS

<b>Helical Core Material:</b>	AISI Type 304 or 316 Stainless Steel
<b>Helical Core Diameter:</b>	12mm
<b>Pilot Hole Diameter:</b>	7/8"
<b>Injection Material:</b>	SureGrout S (3,900 psi compressive strength) thixotropic grout
<b>Anchor Length:</b>	2" less than material being anchored
<b>Drill Depth:</b>	1" less than material being anchored

## RECOMMENDED TOOLING

<b>For drilling:</b>	SDS rotary hammer drill or 3-jaw chuck drill
<b>For mixing :</b>	3-jaw chuck drill with mixing paddle
<b>For injection grouting:</b>	PROSOCO grout gun with pinning nozzle



**SUREGROUT S**  
(3900psi, 27.5 Mpa)



**STITCH-TIE HELICAL ANCHOR**  
available in 12mm



**GUN AND NOZZLE**



**MIXING PADDLE**



**PROSOCO**



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