

SURETWIST Mini Sock Anchor

A grouted remedial wall tie for stabilising & repairing solid, cavity and poor-quality masonry



Standard SureSock lengths:

250mm, 500mm, 750mm, 1000mm, 1500mm

Please note:

Because of the SureSock material, the sock can vary in length after the cutting & heat-sealing process. Once the sock is pulled onto the nozzle, it will stretch to the original cut length.

Recommended tooling:

- SDS Hammer Drill
- 22mm SDS drill bit (Of appropriate length)
- Mixing Paddle
- Threaded end nozzle
- Threaded top to suit either the Albion cordless guns or Cox manual gun.
- PPE Clothing & protection.



Applications:

- ▢ Stabilising & repairing solid, hollow potted, rubble & cavity masonry
- ▢ Repairing delaminated masonry and reconnecting separated walls
- ▢ To Allow expansion into hollow potted masonry, voids, fissures & cavities, reintroducing integrity into poor quality masonry structures

Benefits:

- ▢ The anchor is a combination of SureGrout, SureTwist Bar & SureSock. SureSock is a specially designed sock that allows grout to expand into hollow blocks & bricks, voids, cavities & fissures
- ▢ The SureTwist mini sock anchor is used to reconnect masonry where the substrate is hollow and in poor condition
- ▢ Manufactured in varying lengths from 250mm to 1500mm
- ▢ SureGrout is a high performance, non-corrosive, non-oxidising, non-shrink thixotropic cementbased grout. Tested to EN 998-2. Suitable for injecting by hand or with a power tool.
- ▢ SureTwist bar is a symmetrical profiled helical bar for structural applications. Tested to EN 845-1, 846-5 & 7.
- ▢ Produced in 304 stainless steel. 316 available on request.
- ▢ Sock, grout & tie simultaneously installed
- ▢ Environmentally & user friendly

PRODUCT PROPERTIES (Figures are ultimate figures without any safety factors added. Tested at Imperial College, London, UK)

Mass	Cross Sectional Area	Ultimate Tensile Strength	Ultimate Tensile Strength	Yield Strength	Ultimate Theoretical Shear Load (pure shear, no bending)	Elongation (%)	E-Modul	Helix Angle to longitudinal axis
0.173 kg/m	25.5 mm ²	862 N/mm ²	22.25 KN	718 N/mm ²	12,30 KN	2.82	146 G Pa	50°

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Please always wear the appropriate safety and protective clothing when installing fixing and anchor products. Always observe the necessary Health & Safety guidelines.

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