



# CASTELLO DI SAN TERENCEO, ITALY

Slope Stability

# Castello di San Terenzo

## Slope Stability

<b>Project</b>	Castello di San Terenzo
<b>Location</b>	Marinella di San Terenzo, Comune di Lerici
<b>Country</b>	Italy
<b>Year of installation</b>	2017
<b>Customer</b>	Comune di Lerici
<b>Engineering</b>	Flow-Ing Srl.
<b>Contractor</b>	Siscom Srl.
<b>Initial situation</b>	At Lerici in Liguria a hiking path under the famous Castle di San Terenzo was endangered by rockfalls from the slope above.
<b>Description</b>	<p>As a solution active slope stabilization with nailing and TECCO® System was applied (with a smaller mesh opening band at the top). With a slope ranging from 60 ° to 80 ° the nail pattern is 3.0 x 3.0 meter, with nails of 28 mm in diameter. To ensure the stability of the debris cover, the nails have been drilled to a depth of 3 meter.</p> <p>Due to high corrosion resistance requirements (coastal area), special mesh was chosen: TECCO® System 45/2 STAINLESS.</p>
<b>Protected object</b>	Touristic infrastructure
<b>Corrosion protection</b>	INOX / STAINLESS
<b>Geology</b>	Mica schists, phyllite.
<b>Stabilized area</b>	1260 m <sup>2</sup>
<b>Maximum slope height</b>	20 m
<b>Slope inclination</b>	60 ° - 80 °
<b>Exposition</b>	South-West

**For questions please contact our Geobrugg specialist at your side**

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