



# BEAMINSTER TUNNEL & SLOPES, UNITED KINGDOM

Slope Stability

# Beaminster Tunnel & Slopes

## Slope Stability

<b>Project</b>	Beaminster Tunnel & Slopes
<b>Location</b>	Beaminster, Dorset
<b>Country</b>	United Kingdom
<b>Year of installation</b>	2013
<b>Customer</b>	Dorset County Council
<b>Engineering</b>	Parsons Brinckerhoff
<b>Contractor</b>	Raymond Brown Construction Ltd.
<b>Other participating companies</b>	CAN Geotechnical Ltd.
<b>Initial situation</b>	In 2012 following a period of heavy rainfall a landslide blocked the road tunnel portal (also known as Horn Hill Tunnel), killing two people.
<b>Description</b>	Parsons Brinckerhoff used the knowledge of Geobrugg to design a soil nailed solution. In total 4700 m <sup>2</sup> of TECCO® G65/3 and 800 system spike plates were used to complete the project. TECCO® System was selected as it provided the option of optimisation of nail spacing which on a project of this scale allowed for significant cost and time savings.
<b>Protected object</b>	Road
<b>Corrosion protection</b>	GEOBRUGG SUPERCOATING
<b>Geology</b>	Sands.
<b>Stabilized area</b>	4700 m <sup>2</sup>
<b>Maximum slope height</b>	20 m
<b>Slope inclination</b>	- 45 °
<b>Erosion control mat</b>	Yes
<b>Exposition</b>	-

For questions please contact our Geobrugg specialist at your side

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