



# SCHMERIKON STATE ROAD 17, ШВЕЙЦАРИЯ

Укрепление склонов

# Schmerikon State Road 17

## Укрепление склонов

Проект	Schmerikon State Road 17
Место	Schmerikon
Страна	Швейцария
Год установки	2013
Клиент	State Department for Underground Engineering, Canton St.Gallen
Проектировщик	Dr. A. Gübeli AG, Jona, Switzerland
Подрядчик	Oberholzer Bauleistungen Inc., Neuhaus, Switzerland
Ситуация	<p>In the first days of June 2013 heavy storms and intense rainfall hit the region of the upper lake of Zurich. Due to saturation of the ground and instable geological conditions, a landslide buried a long section of heavily travelled commuter roadway and railway along the lake. This landslide caused complete closure of the infrastructure.</p>
Описание	<p>The department for underground construction initiated re-establishment and sustainable prevention of future similar incidents a few days later. To reach a quick decision and accelerate the construction, the department quickly involved local and regional partners.</p> <p>Solutions discussed were rockfall barrier, manifold, or anchored TECCO® System the most favorable and ultimately chosen solution.</p> <p>The upper slope section (marl) was protected and stabilized using a nailed mesh. The lower sandstone/siltstone section was covered with a drape to ensure that falling debris is kept close to the slope while being guided and deposited to the ditch.</p>
Защищаемый объект	Дорога, Железнодорожная линия, Инфраструктура
Защита от коррозии	GEOBRUGG SUPERCOATING
Геология	Top Section: weathered marl Bottom section: weathered sandstone / siltstone
Площадь укрепления	2000 m <sup>2</sup>
Высота склона	30 m
Уклон	35 ° - 55 °
Экспозиция	Север

**Для получения информации свяжитесь со специалистом в своём регионе**

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**Roger Moor**

Country Manager Ost- und Zentralschweiz, Liechtenstein

Телефон+41 71 466 81 52

Мобильный+41 78 783 46 81

Roger.Moor@geobrugg.com



**Geobrugg**

info@geobrugg.com | [www.geobrugg.com](http://www.geobrugg.com)

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