



# CHENANI-NASHRI TUNNEL, INDIEN

Steinschlagschutz

# Chenani-Nashri Tunnel

## Steinschlagschutz

<b>Projekt</b>	Chenani-Nashri Tunnel
<b>Ort</b>	Jammu & Kashmir
<b>Land</b>	Indien
<b>Installationsjahr</b>	2016
<b>Kunde</b>	N.H.A.I. (National Highways Authority of India)
<b>Planer</b>	GeoData Consultants for Leighton Wellspun Contractors Pvt. Ltd.
<b>Ausführende Firma</b>	Leighton Welspun Contractors Pvt. Ltd.

### Ausgangslage

The site was initially proposed to be treated with shotcrete but persistent seepage of water which caused slope failures and cracks on the portals led the concessionaire to go for an alternate solution which does not only stabilize the slopes but also offers a green solution and allows the hydrostatic pressure to disperse. National Highways Authority of India decided to actively stabilize the tunnel portals. A protective measure had to be selected to stabilize the exposed cutting against superficial instabilities, tilting as well as sliding of individual blocks and rockfalls.

As an extra safety measure, 500 kJ barrier line was introduced and placed on one of the berms to provide extra safety besides portal stabilization. Rockfall barriers protect against rockfalls from above stabilized area.

### Massnahme

The GBE-500A rockfall barrier system protects the entry and exit levels of the Chenani Nashri Tunnel from all sorts of major and minor rockfalls or any falling object which could in anyway harm the tunnel portals and traffic. Thus it helps reducing the risks involved as well as the complete protection from rockfall based calamity.

See also our slope project [Chenani Nashri Tunnel Portal \(1\)](#)

### Geschützte Objekte

Strasse, Infrastruktur

### Weitere verbaute Anwendungen

Böschungsstabilisierung

### Korrosionsschutz

Verzinkt, GEOBRUGG SUPERCOATING

### Energieaufnahmevermögen

500 kJ

### Systemhöhe

4.0 m

### Systemlänge

80 m - 91 m

**Für Fragen steht Ihnen unser Geobrugg Spezialist gerne zur Seite**

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