

## TECHNICAL DATA SHEET

# ROCKFALL-X™ G: Damping System with cellular glass

Cellular Glass	
Cube compressive strength	> 6 N/mm <sup>2</sup>
Weight	< 250 kg/m <sup>3</sup>
Frost-proof	without capillary pores
Grain size	10/50 mm

TECCO® G65/3 steel wire	
Wire diameter:	d = 3.0 mm
Tensile strength:	f <sub>t</sub> ≥ 1'770 N/mm <sup>2</sup>
Material:	high-tensile steel wire
Tensile resistance of a wire:	Z <sub>w</sub> ≥ 12.5 kN

Damping Modules Standard Sizes	
Diameter:	1.125 m
Heights:	1.0 m / 1.5 m / 2.0 m
Volumes:	1.0 m <sup>3</sup> / 1.5 m <sup>3</sup> / 2.0 m <sup>3</sup>

TECCO® G65/3 corrosion protection	
Corrosion protection:	GEOBRUGG SUPERCOATING®
Compound:	95% Zn / 5% Al
Coating:	min. 150 g/m <sup>2</sup>

TECCO® G65/3 mesh roll for horizontal covering	
Roll width:	b <sub>Roll</sub> = 3.9 m
Roll length:	l <sub>Roll</sub> = 30 m
Total surface per roll:	A <sub>Roll</sub> = 117 m <sup>2</sup>
Weight per m <sup>2</sup> :	g = 1.65 kg/m <sup>2</sup>
Weight per mesh roll:	G <sub>Roll</sub> = 193 kg
Mesh edges:	mesh ends knotted

ROCKFALL-X™ G



Rockfall, slides, mudflows and avalanches are natural events and therefore cannot be calculated. This is why it is impossible to determine or guarantee absolute safety for persons and property with scientific methods. This means that to provide the protection we strive for, it is imperative to maintain and service protective systems regularly and appropriately. Moreover, the degree of protection can be diminished by events that exceed the absorption capacity of the system as calculated to good engineering practice, failure to use original parts or corrosion (i.e., from environmental pollution or other outside influences).