

TECHNICAL DATA SHEET

ROCKFALL-X™ A Damping System with used tires

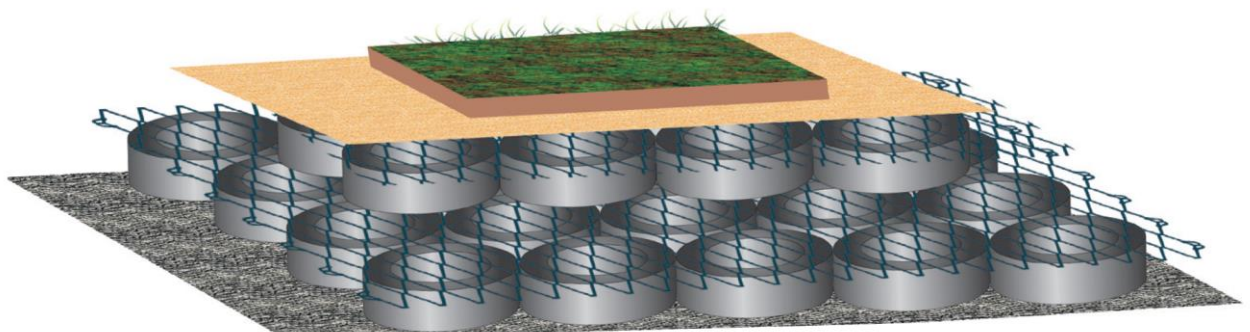
Used tires	
Diameter	60 cm
Height	20 cm
Weight	< 125 kg/m ³

TECCO® G65/3 steel wire	
Wire diameter:	d = 3.0 mm
Tensile strength:	f _t ≥ 1'770 N/mm ²
Material:	high-tensile steel wire
Tensile resistance of a wire:	Z _w ≥ 12.5 kN

Panels of used tires	
Tires connected into panels with 10 mm diameter wire rope cable	
Delivery size in panels of approximately	1.8 x 7.8 x 0.2 m

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

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



ROCKFALL-X™ A

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).