

## TECHNICAL DATA SHEET

# Rolled Cable Net QUAROX® 0/6.5/275

QUAROX® cable net <sup>1)</sup>	
Diagonal:	$x \cdot y = 15.4 \cdot 15.7$ in (+/- 5%)
Mesh width:	$D_i = 10.8$ in (+/- 5%)
Angle of mesh:	$\epsilon = 85$ degrees
No. of meshes longitudinal:	$n_l = 2.5$ pcs/m
No. of meshes transversal:	$n_q = 2.6$ pcs/m

QUAROX® Corrosion protection <sup>2) 3)</sup>	
Corrosion protection:	GEOBRUGG SUPERCOATING®
Compound:	95 % Zn / 5% Al
Coating:	min.0.0256 lb/ft <sup>2</sup>

Load capacity	
Tensile strength of net longitudinal:	$z_l \geq 6.8$ kips/ft <sup>4)</sup>

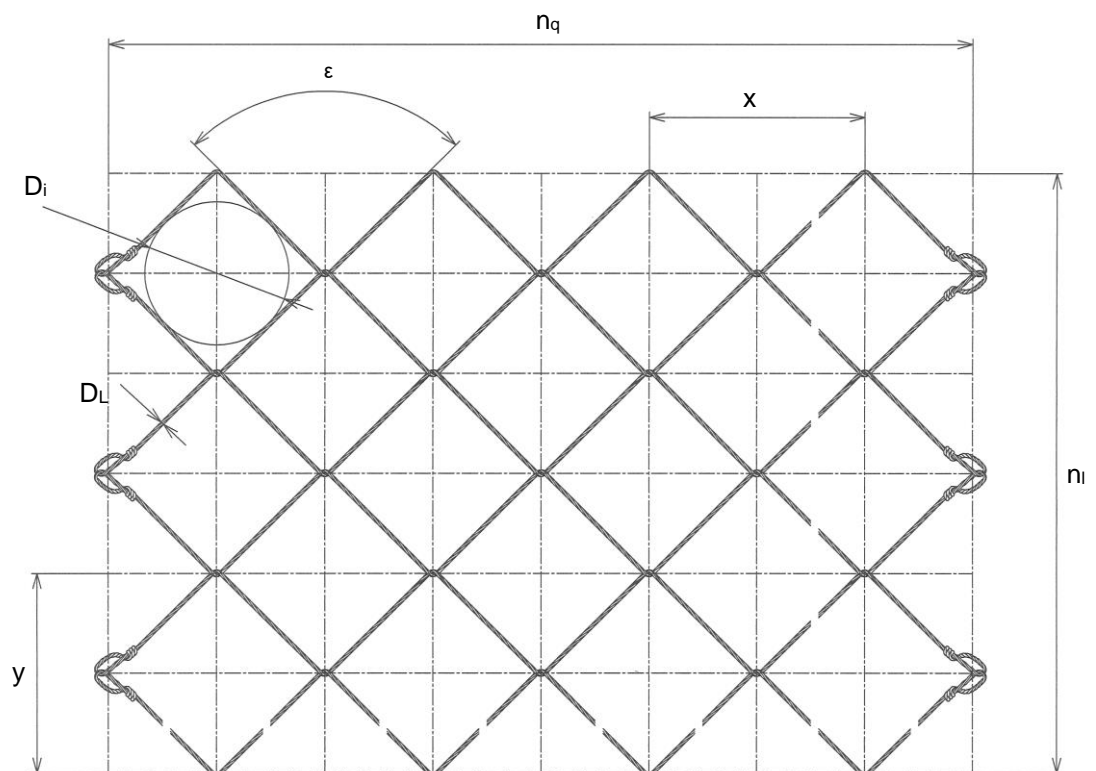
- <sup>1)</sup> according to EN 10223-6
- <sup>2)</sup> according to EN 10244-2
- <sup>3)</sup> according to EN ISO 9227
- <sup>4)</sup> referring to LGA test report 08/2011
- <sup>5)</sup> according to EN 10218
- <sup>6)</sup> according to EN 10264-2 / EN 10016-1 and -2

QUAROX® Steel wire	
Wire diameter:	$D_w = 0.118$ in <sup>5)</sup>
Tensile strength steel wire:	$f_t \geq 256$ ksi <sup>6)</sup>
Material:	high-tensile steel wire
Tensile resistance of a wire:	$Z_w \geq 2.8$ kips

QUAROX® Steel strand	
Diameter of spiral rope:	$D_L = 0.256$ in
Construction:	1 x 3

QUAROX® Net standard roll	
Roll width:	$b_{Roll} = 12.8$ ft
Roll length:	$l_{Roll} = 98.4$ ft
Total surface per roll:	$A_{Roll} = 1260$ ft <sup>2</sup>
Weight per ft <sup>2</sup> :	$g = 0.266$ lb/ft <sup>2</sup>
Weight per roll:	$G_{Roll} = 335$ lbs
Net edges:	mesh ends knotted

QUAROX® 0/6.5/275



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 QUAROX 0/6.5/275 or non-compliance with the technical data sheet.

Subject to change without notice.