

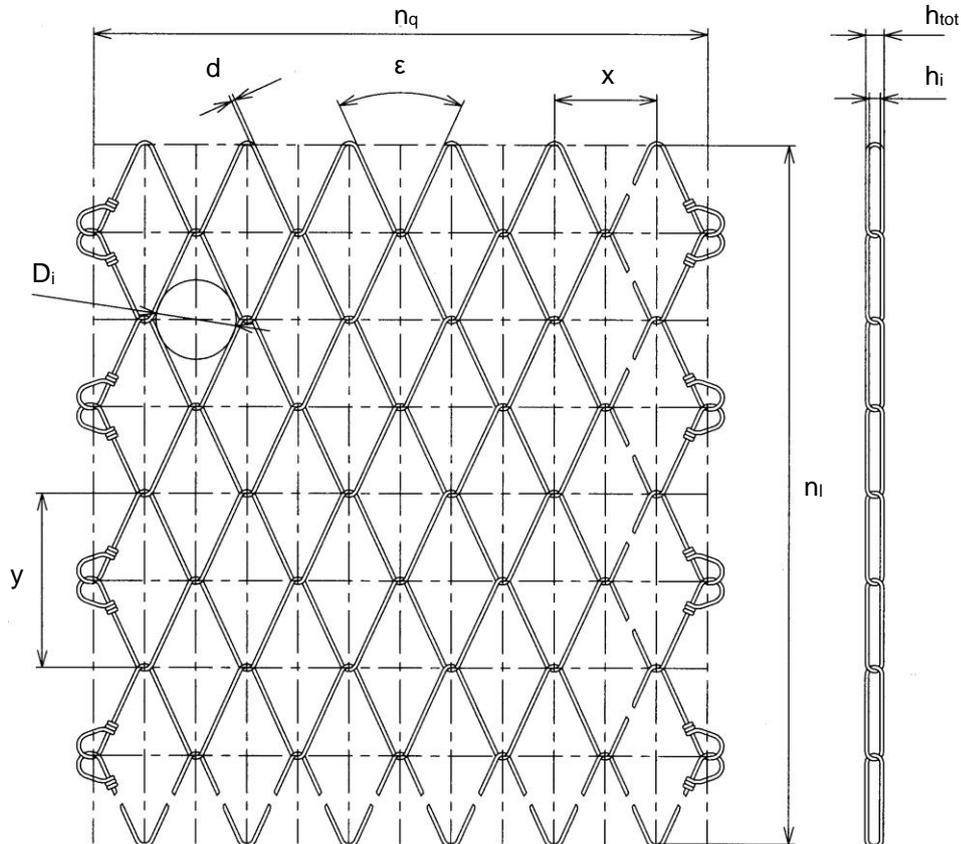
## TECHNICAL DATA SHEET

# High-tensile steel wire mesh DELTAX® G80/2 STAINLESS

DELTA <sup>®</sup> high-tensile rockfall protection netting		DELTA <sup>®</sup> steel wire	
Mesh shape:	rhomboid	Wire diameter:	d = 2.0 mm
Diagonal:	x · y = 101 · 175 mm (+/-5%)	Tensile strength:	f <sub>t</sub> ≥ 1'650 N/mm <sup>2</sup>
Mesh width:	D <sub>i</sub> = 82 mm (+/-5%)	Material:	high-tensile steel wire
Angle of mesh:	ε = 53°	Tensile resistance of a wire:	Z <sub>w</sub> = 5.2 kN
Total height of mesh:	h <sub>tot</sub> = 8 mm (+/-1 mm)	DELTA <sup>®</sup> corrosion protection	
Clearance of mesh:	h <sub>i</sub> = 4 mm (+/-1 mm)	STAINLESS (INOX):	1.4462 (AISI 318)
No. of meshes longitudinal:	n <sub>l</sub> = 5.7 pcs/m		
No. of meshes transversal:	n <sub>q</sub> = 9.9 pcs/m		
Load capacity		DELTA <sup>®</sup> mesh roll	
Tensile strength of mesh longitudinal:	z <sub>l</sub> ≥ 45 kN/m'	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 = 0.65 kg/m <sup>2</sup>
		Weight per mesh roll:	G <sub>Roll</sub> = 76 kg
		Mesh edges:	mesh ends knotted

Stainless steel wire may get in contact with black steel in all stages of the process (manufacturing, transport, stocking, installation). Therefore, it cannot be excluded that partially signs of surface corrosion may be visible.

DELTA<sup>®</sup> G80/2  
STAINLESS



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).