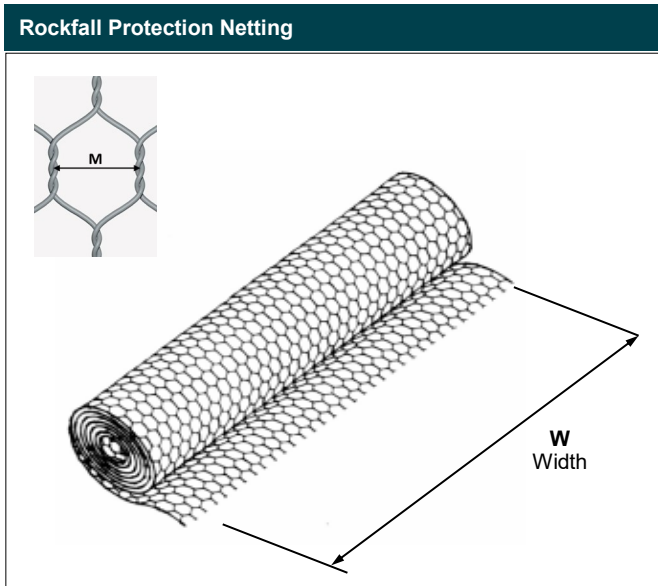


**ROCKFALL PROTECTION NETTING**  
POLIMAC®

The Rockfall protection netting is a net manufactured from double twisted hexagonal woven steel wire mesh type 8x10 or 6x8, made of PoliMac® coated steel wire, manufactured in compliance with EN 10223-3.

ROCKFALL NETTING PERFORMANCES			8x10 2.7 POLIMAC	6x8 2.2 POLIMAC
<b>Physical Properties</b>				
Steel wire diameter (int. /ext.)	EN 10218-2	mm	2.70 / 3.70	2.20 / 3.20
Selvedge wire diameter (int. /ext.)	EN 10218-2	mm	3.40 / 4.40	2.70 / 3.70
Galmac coating	EN 10244-2	Class	Class A	
<b>Mechanical Performances</b>				
Nominal Mesh tensile Strength	EN 10223-3	kN/m	50	37
Nominal Punching Resistance	ISO 17746	kN	65	43
<b>Durability Performances</b>				
SO <sub>2</sub> corrosion resistance	ISO 6988	Cycles	> 28	
Salt Spray (5% DBR)	ISO 9227	Hours	> 6,000	
UV resistance (@ 2,500 hours) <sup>(1)</sup>	ISO 4892-3	%	< 25	
Abrasion resistance <sup>(2)</sup>	EN 60229	Cycles	> 100,000	



Rockfall protecting netting sizes	
Length (m)	Width (m)
25	2 - 3 - 4
50	2 - 3 - 4
100	2 - 3 - 4

All sizes and dimensions are nominal.  
Tolerances of 0/+1 m of the length, and ± M (mesh opening) of the width shall be permitted

Accessories <sup>(*)</sup> :
<b>Stainless Steel C-Rings:</b> <ul style="list-style-type: none"> <li>• Diameter: 3.00 mm</li> <li>• Tensile strength &gt; 1,550 MPa</li> <li>• Pull-apart strength &gt; 2.0 kN</li> <li>• Max spacings: 200 mm</li> </ul>

<sup>(\*)</sup> The accessories are NOT included, unless explicitly mentioned in the price offer. For additional details, see the installation manual.

(1) UTS/elongation @ break of the base compound after 2,500 hrs exposure to QUV-A do not change more than 25% from initial test results.  
(2) Tested in accordance with procedure described in par. 4.1.2.1 of EN 60229 with a vertical force of the steel angle of 20 N