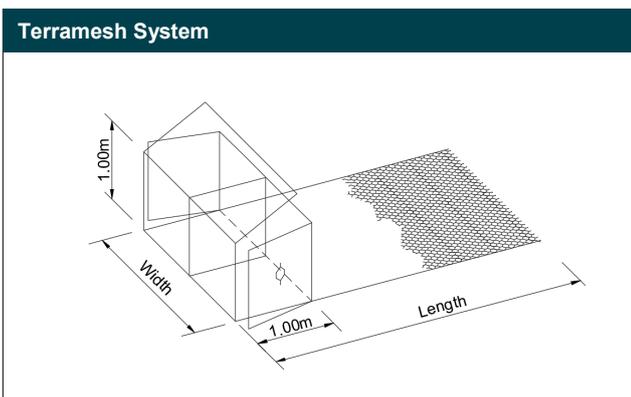


**TERRAMESH<sup>®</sup> SYSTEM**  
POLIMAC<sup>®</sup>

Terramesh<sup>®</sup> System are units manufactured from double twisted wire mesh type 8x10, made of PoliMac<sup>®</sup> coated steel wire, used to build reinforced soil structures with vertical stone facing. They are produced in compliance with EN 10223-3.

TERRAMESH SYSTEM PERFORMANCES			Terramesh System
<b>Physical Properties</b>			
Steel wire diameter (int. /ext.)	EN 10218-2	mm	<b>2.70 / 3.70</b>
Selvedge wire diameter (int. /ext.)	EN 10218-2	mm	<b>3.40 / 4.40</b>
Galmac coating	EN 10244-2	Class	<b>Class A</b>
Concentricity of PoliMac <sup>®</sup> coating	EN 10245-3	%	<b>&gt;60</b>
<b>Mechanical Performances</b>			
Nominal Mesh Tensile Strength	EN 10223-3	kN/m	<b>50</b>
<b>Durability Performances</b>			
SO <sub>2</sub> corrosion resistance	ISO 6988	Cycles	<b>&gt; 28</b>
Salt Spray (5% DBR)	ISO 9227	Hours	<b>&gt; 6,000</b>
UV Resistance (@ 2,500 hours) <sup>(1)</sup>	ISO 4892-3	%	<b>&lt; 25</b>
Abrasion Resistance <sup>(2)</sup>	EN 60229	Cycles	<b>&gt; 100,000</b>
<b>Environmental and Sustainability Properties</b>			
Global Warming Potential (GWP <sub>100 yrs</sub> ) <sup>(3)</sup>	EN 15804	kgCO <sub>2</sub> equiv / Kg product	<b>&lt; 1.08</b>
<p>(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                      (3) Value reported in the EPD certificate S-P-01468 issued in accordance with ISO 14025 and EN 15804+A1 to Maccaferri with reference to the Terramesh product family with validity till December 2023. This EPD describes the impacts of units produced in Italy and Slovakia.</p>			



Terramesh <sup>®</sup> System sizes		
Length (m)	Width (m)	Height (m)
3	2	0.5 - 1
4	2	0.5 - 1
5	2	0.5 - 1
6	2	0.5 - 1

All sizes and dimensions are nominal. Tolerances of ±5% 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>
<b>Bracing ties:</b> Steel wire or preformed self locking ties (i.e. MacTie)
(*) The accessories are NOT included, unless explicitly mentioned in the price offer. For additional details, see the installation manual.



Download the EPD from [maccaferri.com/EPD](http://maccaferri.com/EPD)



Download the digital model for free on bimstore or on [maccaferri.com/BIM](http://maccaferri.com/BIM)



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Maccaferri operates under strict quality assurance and management procedures.