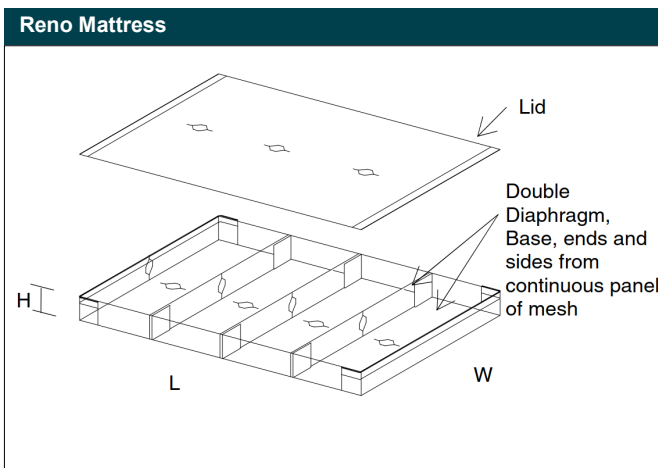


RENO MATTRESS
2.0 POLIMAC®

Reno Mattresses are units manufactured from double twisted hexagonal woven steel wire mesh type 6x8, made of PoliMac® coated steel wire. The base, diaphragms, front, end and sides of the unit are manufactured from one continuous panel of mesh; the base is folded onto itself at regular intervals to form double diaphragms that are secured with spirals at the production facility. Reno Mattresses are produced in compliance with EN 10223-3.

RENO MATTRESS PERFORMANCES			6x8 2.0 POLIMAC
Physical Properties			
Steel wire diameter (int. / ext.)	EN 10218-2	mm	2.0 / 3.0
Selvedge wire diameter (int. / ext.)	EN 10218-2	mm	2.4 / 3.4
Galmac coating	EN 10244-2	Class	Class A
Concentricity of PoliMac® coating	EN 10245-3	%	>60
Durability Performances			
SO ₂ corrosion resistance	ISO 6988	Cycles	> 28
Salt Spray (5% DBR)	ISO 9227	Hours	> 6,000
UV resistance (@ 2,500 hours) ⁽¹⁾	ISO 4892-3	%	< 25
Abrasion resistance ⁽²⁾	EN 60229	Cycles	> 100,000
Environmental and Sustainability Properties			
Global Warming Potential (GWP _{100 yrs}) ⁽³⁾	EN 15804	kgCO ₂ equiv / Kg product	< 9.99x10⁻¹



Sizes of Reno Mattress		
Length (m)	Width (m)	Height (m)
6	2	0.17
6	2	0.23
6	2	0.30

Sizes and dimensions are nominal.
Tolerances of ±5% of the length, width and ± 2.5 cm of the height shall be permitted

Accessories (*):

Stainless Steel C-Rings:

- Diameter: 3.00 mm
- Tensile strength > 1,550 MPa
- Pull-apart strength > 2.0 kN
- Max spacings: 200 mm

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

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Download the digital model for free on bimstore or on maccaferri.com/BIM

(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-01466 issued in accordance with ISO 14025 and EN 15804+A1 to Maccaferri with reference to the Gabions product family with validity till December 2023. This EPD describes the impacts of units produced in Italy and Slovakia.