

**AQUAZERO TECHNICAL DATA-SHEET**  
(Rev. 1 del 21-02-2015)

Product's name	AQUAZERO
Material	Portland cement board, lightened with inert minerals, with double fiberglass mesh reinforcement back and front.
Lenght	2000 / 2400 mm
Width	1200 mm
Thickness	12,5 mm
Weight	14,2 Kg/m <sup>2</sup> approx.
Fire reaction (according EN 13501-1)	A1 / A1fl
Bulk density (according UNI EN 12467)	1138 Kg/m <sup>3</sup>
Thermal conductivity (according EN ISO 8990)	0,174 W/mK
Average bending on dry tests (according UNI EN 12467)	8,8 N/mm <sup>2</sup>
Average bending on wet tests (according UNI EN 12467)	8,3 N/mm <sup>2</sup>
Average bending after wet-dry cycles duration 50 cycles (according UNI EN 12467)	5,2 N/mm <sup>2</sup>
Average bending after immersion in hot water duration of the test: 56 days (according UNI EN 12467)	5,2 N/mm <sup>2</sup>
Average bending after 25 cycles freeze-thaw (according UNI EN 12467)	3,0 N/mm <sup>2</sup>
Resistance to sun-rain cycles duration 25 cycles superficial (according UNI EN 12467)	No alterations

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Impermeability (according UNI EN 12467)		Not impermeable
Modulus of elasticity (average value)		N/mm <sup>2</sup> 88,7
Tensile strength	Elongation	1,67 %
	Tensile strength	N/mm <sup>2</sup> 2,25
Burglary protection (UNI EN 1630)		RC = 3
Air permeability (UNI EN 12206)		Class 4
Water tightness (UNI EN 12207)		Class E1500
Resistance to wind load (UNI EN 12211)		Class C5
Average speed of the water vapor transmission		3.274,4 mg/m <sup>2</sup> .h
Vapor permeability (average value) (UNI EN 12086)		28 mg/h

## APPLICATION FIELDS

Aquazero cement board can be installed both indoor and outdoor. It is suitable for vertical or horizontal applications, on walls, ceilings, floors.

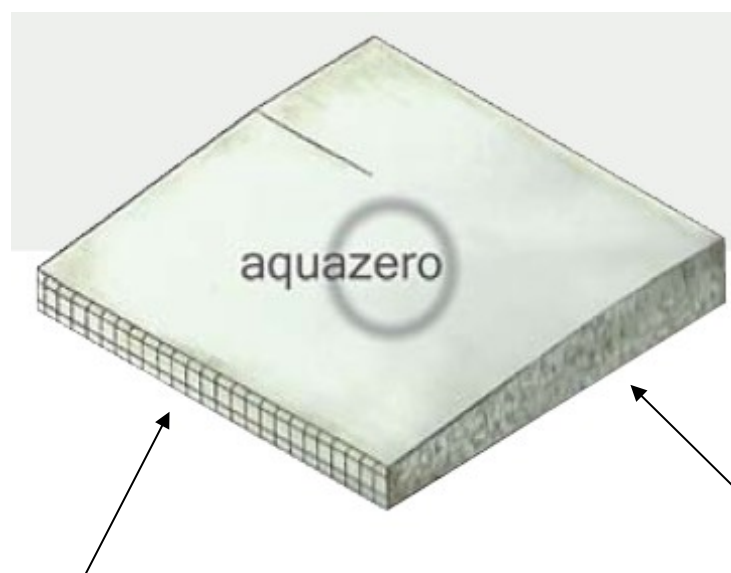
It can be installed under tiles on dry slab systems, suitable for application in very wet places such as swimming pools, baths, spa, kitchens.

## INSTALLATION

Aquazero can be easily installed, cut and shaped with a standard utility knife, by scoring through the panel on one side, then snap board at the score line. Cut mesh on the other side and snap back.

For shaped or precision cut, such as windows contouring, use a precision saw.

To be installed with the specific screws and installation mounts according to final applications.



Folded fiberglass mesh side

Portland cement and inert minerals core

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