FoamMED

- For wall, ceilings and floors
- Extremely low own weight
- For customized projects

Features and Benefits

Any finish

Exact dimensions

Discrete lightweight

High stability

Thermal insulation

Customizable

Easy handling

Easy installation

Safe and clean

Up to

44mm

according to the Solas Directive thickness

≤2%

water absorption for a long time immersion period

±2mm

cement adhesive thickness

General product description

The construction panel FoamMED, consisting by a grey coloured rigid EPS core, armed front and backside with glass fibre wire mesh, and coated with high performance cement skim coat.

Fields of use

Hamam, Steam Baths, pools/tanks, showers, dividing walls in wet rooms, such as SPA areas, subjected at heavy thermic stress, tiled at least on one side, or clad with natural stone or mosaic tiles.

Product features

FoamMED construction panels can be installed on any kind of surface, it's compression resistant, versatile, thermal insulating, lightweight, sturdy, extremely easy to set up and pose.

Core in raw EPS 250		**Cement adhesive**	
Colour	Light grey	Colour	Light grey
Density	35 kg/m^3	Weight (g/m^2)	from 2200 to2800
Reaction to fire	Class E	Reazione al fuoco	-

FoamMED

Thermal conductivity ƛ (declared at 10°C/50°F)	0,033 W/(m*K)	Applied thickness	2,0 mm ± 10%

Subsequent processing notes

Waterproofing, suggested, on all exposed surfaces.
Cover with tiles, mosaic, natural stone, or mineral plaster as well, only 24 hours after completed structure installation.

Technical features raw EPS

Insulation slab made of EPS, traditional white sintered expanded polystyrene. EPS 250 is the slab-cut from a block, ideal for applications that require great insulation and compression stresses.

Length	±2 mm	EN822
Width	±2 mm	EN822
Thickness	±1 mm	EN823
Squareness	±2 mm/m	EN824
Flatness	±5 mm	EN825
Dimensional stability under normal lab conditions	±0,5 %	EN1603
Thermal conductivity declared at 10°C/50°F	0,033 W/(m·K)	EN12667
Bending resistance	≥350 KPa	EN12089
Behaviour in relation to fire	Classe E	EN13501/1
Compressive stress at 10% deformation	≥250 KPa	EN826
Resistance at water absorption by diffusion	40-100 (70)	EN12086
Long-term water absorption by immersion	≤2 %	EN12087
Water vapour permeability	0,010-0,024 mg/(Pa·h·m)	EN12086
Specific thermal capacity	1340 J/(Kg·K)	EN10456
Linear thermal expansion coefficient	$65 \cdot 10^{-6}$	-
Elastic compress modulus	9000- 10800 KPa	EN826
Operation limit temperature	80 °C	-

Storage

The FoamMED panel or element, regardless of thickness, must be kept in flat-horizontal position, and protected from direct solar exposure, heat and moisture.

Safety Informations

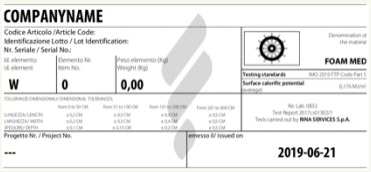
None

Certificates & Test reports

EC TYPE EXAMINATION (MODULE B)
CERTIFICATE no. MED030217CS

This is to certify that Rina Service S.p.A. did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance whit the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of (EU) 2015/559.

MED Item N°:	A.1/3.18a
USCG Category N°:	164.112
Denomination of the material:	FoamMED
Description:	Surface materials and floor coverings whit low flame-spread characteristics – (a) decorative veneers.
Testing standards	IMO Res. MSC.307(88)-(2010 FTP Code)
Reference standards	Chap. II-2 and X of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment



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Info about installation feasibility and use of our products, indications or technical advice and other information provided by our collaborators takes place according to science and conscience and however, they are not binding and exclude all liability. Customers and their buyers will always have to check and ensure the product chosen are suitable for the procedures and the purposes intended.