

ONDA 22 mm - fireproof version


Product: ONDA MARINA
Item of the S.A.F.E. Family

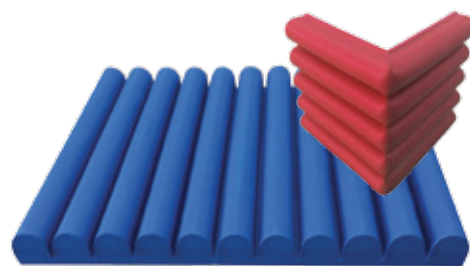
DESCRIPTION

Onda, made of Polymat[®], has been designed on the need to satisfy every protection request, thanks to its great versatility and ability to adapt to any type of support. It has an excellent shock absorption capacity and is tested in accordance with UNI EN 913: 2019. Repellent to all substances, anti-mold and antibacterial. The fireproof version is particularly suitable for indoor use in schools, kindergartens, sports facilities, gyms, companies.

Composition: Polymer mixture, closed cell, based Ethyl Vinyl Acetate.

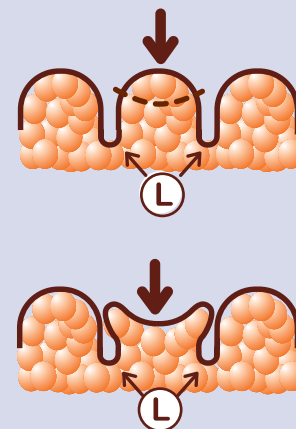
TECHNICAL DATA

SHEET DIMENSIONS	100 x 200 cm
THICKNESS	22 mm
WEIGHT	6 Kg/sheet
DESIGN	Wave design in length. Every wave have a width of 22 mm
FIXING	With a special glue or with adhesive velcro
STANDARD COLOURS	
WATER ABSORPTION	None
REACTION TO FIRE	Class 1
FLEXIBILITY	High flexibility in the longitudinal direction to allow easy adaptability to the support profile.
SHOCK ABSORPTION CAPACITY	Speed: 2,50 m/sec Fall height: 32 cm Test: UNI EN 913:2019 Ann. C



HOW DOES THE SHOCK ABSORBER EFFECT WORK

The particular wave section allows to distribute the collision between the various lateral concave spaces (L), cushioning the impact power.



FEATURES

	Unit of measure	Value	Test
Density	kg/m ³	160	UNI 10902
Hardness in/out	Shore A	30/35	ISO 7619
Tensile strength at break	MpA	1.4	UNI 12803
Elongation	%	140	UNI 12803
Abrasion	mm ³	-(±2)	UNI 12770

FEATURES

	Unit of measure	Value	Test
Sound absorption (EN ISO 354:2003 - Measurement of sound absorption in the reverberation room - EN ISO 11654:1998 - Acoustic absorbers for building. Evaluation of sound absorption)	αw	0,10 (H)	UNI EN ISO 354:2003 UNI EN ISO 11654:1998

INSTALLATION

FIXING: Easy application on every surface (iron, wood, cement, ceramics, etc...) with special glue Polycoll for both indoor and outdoor or, for large surfaces, with Velcro.

OUTDOOR INSTALLATION: The suggested colours for installations in outdoor spaces that don't undergo variations to UVA and UVB rays are: green, blue, white, grey and black.

MEASURE EXTENSION: The standard sheets dimensions can be extended by gluing the waves in the longitudinal section.

CLEANING: Easy to clean and maintain. It doesn't require special products, simply water and normal detergents.

SOME EXAMPLES

