



ALMA

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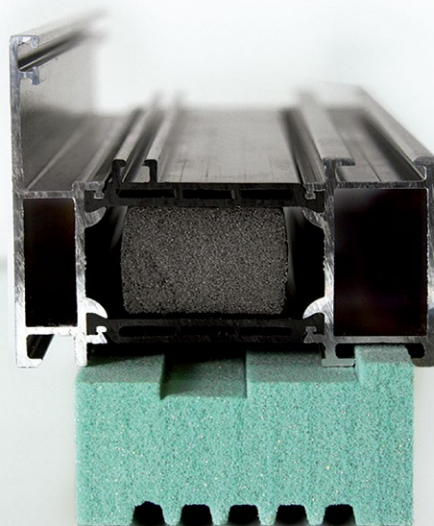
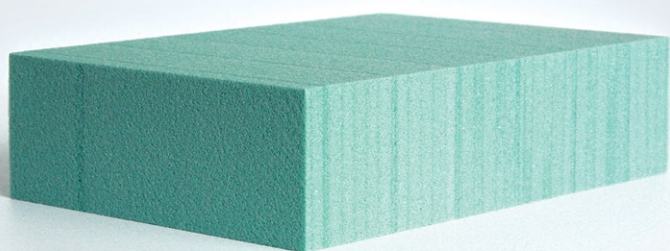
NEW

RECYCLED PANEL FOR HI-PERFORMANCE STRUCTURAL INSULATION

An innovative PET-based panel made of up to 100% recycled material. This NEW sustainable alternative to conventional construction materials meets the highest technical and ecological standards for reducing thermal bridges.

Owing to its versatility, being lighter, more compact and with a lower thermal conductivity, this product is designed to improve the energy efficiency of the building.

CE



KEY ADVANTAGES, ALL IN ONE PANEL— STRENGTH, INSULATION, PROTECTION

MATERIAL COMPLIANT WITH THE NEW ENERGY CODES

The raw material consists of production waste from PET bottles. Once the product has completed its useful life, it can be recycled again.

Numerous tests have confirmed that

the material is free of emissions during installation and later use.

ALMA VERT meets all the conditions required to be installed in low-energy building projects.



Highly efficient
thermal break



Excellent
mechanical strength



High compressive
strength



Permeable to water
vapor diffusion



Excellent thermal
conductivity /
R-value



Lightweight
composite structure



Low water
absorption



Environmentally-friendly core
material (100% recyclable)

PROPERTIES	PANEL DENSITY		UNIT	STANDARD
	115	180		
COMPRESSIVE STRENGTH (PERPENDICULAR)	1.5	3.2	N/MM ²	EN 826
E-MODULUS COMPRESSION (PERPENDICULAR)	67	118	N/MM ²	EN 826
THERMAL CONDUCTIVITY	0.036	0.043	W/ (M . K)	EN 12667
SD VALUE	16.8	38.3	S _d	EN-1931
BUILDING MATERIAL CLASS / FIRE BEHAVIOR	E	E	-	EN 13501
ABSORPTION OF WATER (AFTER 7 DAYS WATER STORAGE)	CA. 2,0	CA. 2,0	VOL.-%	INTERNAL

CHOOSE THE RIGHT PANEL FOR YOUR PROJECT

ALMA VERT is manufactured in two different density classes 115 kg/m³ and 180 kg/m³.

STANDARD DIMENSIONS

1218 X 1005 X 50MM
(4' X 3' 4" X 2")

1218 X 1005 X 75MM
(4' X 3' 4" X 3")

*Other dimensions are available on request

REAL FACTS

- ✓ 25 X 1.5 L PET BOTTLES PRODUCE
4.5 x 35 x 35 cm / 1' x 1' x 2"
ALMA VERT BOARD



FIELDS OF APPLICATION

- ✓ Internal and external use
- ✓ Thermal separation
- ✓ Thermal bridge - free installation of all building elements, according to DIN4108

