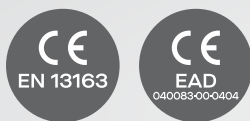
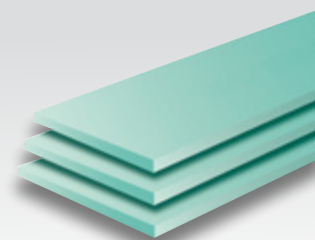


XPS ETICS GF

Extruded
polystyrene board



ETA EOTA



- » High thermal insulation protection (low coefficient of thermal conductivity λ : 0,033 – 0,034 W/mK)
- » Excellent mechanical strength.
- » Very high compressive strength.
- » Very resistant to moisture (due to the structure of closed polyhedral cells).
- » Relatively low resistance to water vapor permeability.
- » Easy to apply and process (mounting, cutting, sanding, etc.).
- » Lightweight thermal insulation material.
- » Resistance to temperatures from -50°C to +75°C.
- » It is not affected by fungi and bacteria.
- » Resistant to natural oils.
- » Without perimeter edge alcove-formation.

XPS ETICS GF is a polystyrene thermal insulation board through the extrusion process.

It is certified according to EN 13164 and participates as an insulating material in the certified external thermal insulation


system of CLIMAWALL[®] of BIOCLIMA[®] according to EAD 040083-00-0404 and in the lightweight thermal-hydro insulation systems CLIMAROOF[®].

XPS ETICS GF

bioclima.gr

Extruded
polystyrene board

TECHNICAL CHARACTERISTICS		
Characteristic	Method	XPS ETICS GF
Density (Kg/m ³)		30,5 (±10%)
Reaction to Fire	EN 13501-1	E
Thermal conductivity c. (λ_d) [W/mK]	EN 12667	0.033 (≤ 6 cm) 0.034 (7-10cm)
Thermal Resistance (R_d) [m ² K/W]	EN 12667	Refer to relevant table
Thickness tolerance (T)	EN 823	T3
Compressive strength at 10% thickness deformation CS (10/Y) (KPa)	EN 826	300
Dimensional stability under specified temperature and humidity DS(70,90)	EN 1604	<5%
Long-term water absorption (total immersion) WL(T) [vol.%]	EN 12087	1,5
Water vapour diffusion resistance factor (μ)	EN 12086	50
Tensile strength perpendicular to the faces in dry conditions (TR) (kPa)	EN 1607	>400
Shear strength f_{tk} (N/mm ²)	EN 12090	$\geq 0,02$
Shear modulus G_m (N/mm ²)	EN 12090	$\geq 1,0$

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	22 DoP No 02.01 ClimaWall® Extra EAD 040083-00-0404 ETA 21/0876

Thickness (cm)	Thermal Resistance (R_d) [m ² K/W] EN 12667
XPS GF ETICS	
2	0,600
3	0,900
4	1,200
5	1,500
6	1,800
7	2,050
8	2,350
9	2,600
10	2,900

XPS ETICS GF

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Extruded
polystyrene board

PACKAGING:

The dimensions of XPS ETICS GF are 1.00mX0.60m. Depending on their thickness, they are available in the following quantities:

Board Thickness	Packaging content (boards pcs)	Packaging content (m ²)
2cm	25	15,00
3cm	14	8,40
4cm	10	6,00
5cm	8	4,80
6cm	7	4,20
7cm	6	3,60
8cm	5	3,00
9cm	4	2,40
10cm	4	2,40

Different thermal insulation boards thickness can be delivered under special request/order.

CONSUMPTION:

The consumption of XPS ETICS GF, is 1 m²/m².

STORAGE:

Stored in a dry environment with temperature between +5°C and +35°C, away from direct sunlight and rain. Keep containers tightly closed when not in use.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Read label before use. For further information please consult the Material Safety Data sheet.

Poison Centre Telephone +30 7793 777.



With its guarantee

KRAFT
PAINTS

DRIVEN BY INNOVATION

07/2022 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

3/3

DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.gr, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.

DRUCKFARBEN HELLAS S.A.

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