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10/2021



ETIXX FACADE  $\lambda$  31

Highest quality of thermal insulation

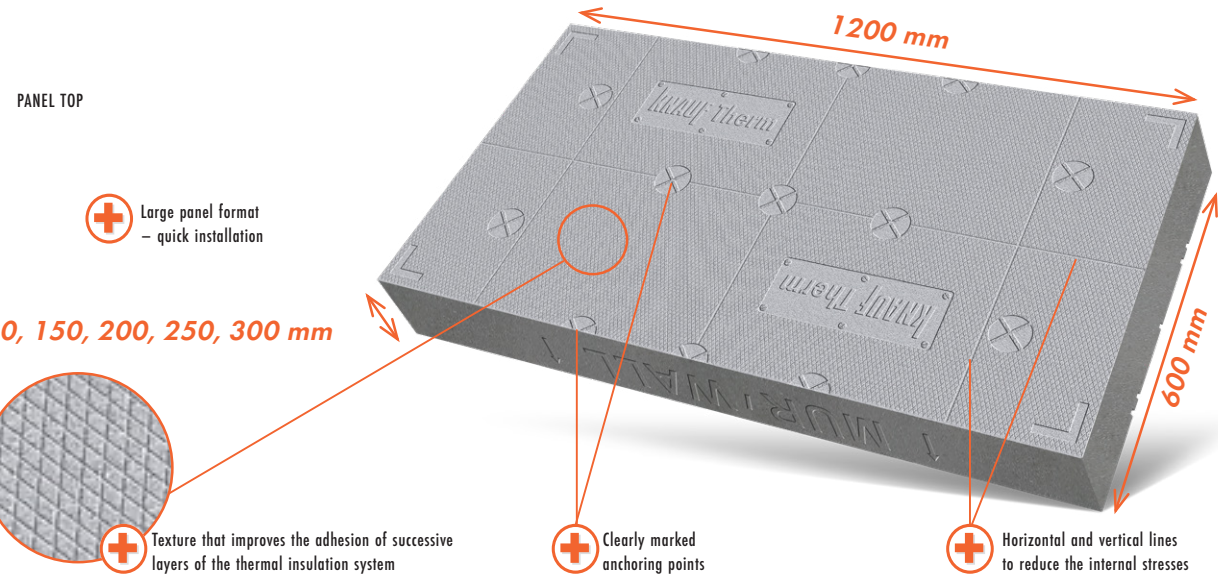
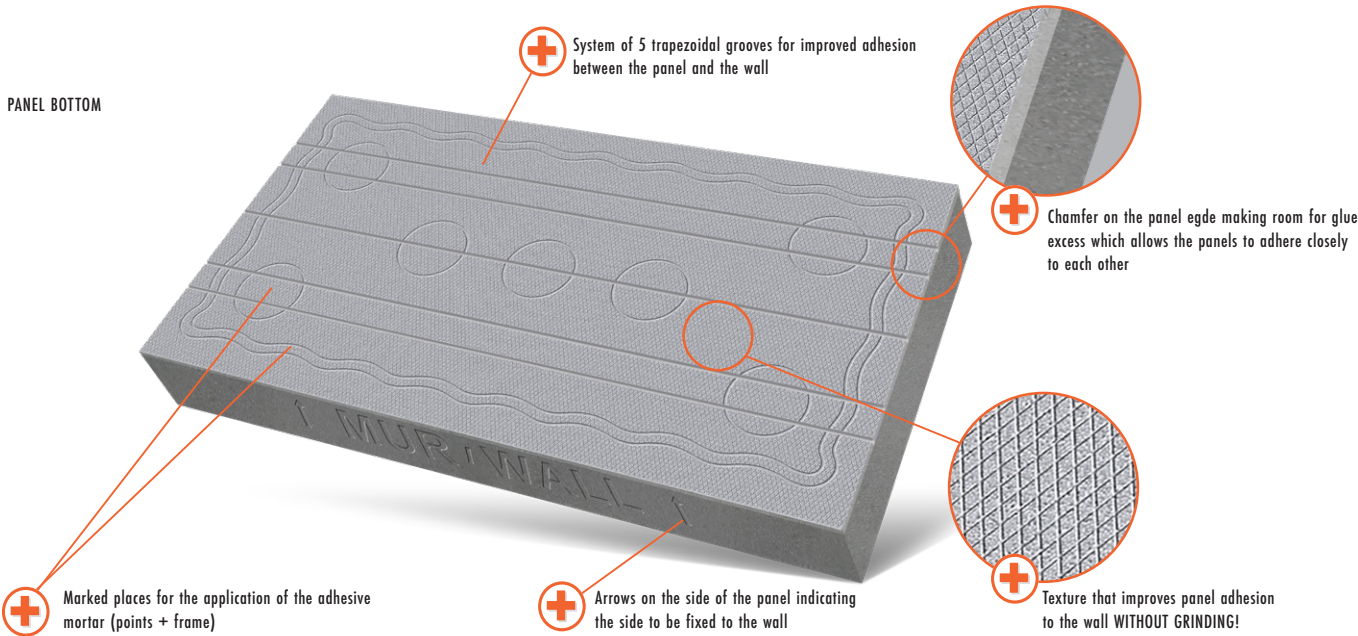


# FORMED ETIXX FACADE λ 31 INSULATING PANEL

Highest quality of thermal insulation

- manufactured from foamed polystyrene enriched with graphite particles for excellent insulating parameters (low thermal conductivity = 0.031 W/mK)
  - manufactured with the pressing technology that ensures high dimensional stability => the panel has straight edges and a flat surface
    - panel dimensions: 1200x600mm-20% greater than the dimensions of a standard
- polystyrene panel

  - ETIXX panels are marked with the logo of the KNAUF Therm construction insulation brand



## THE ONLY SUCH PRODUCT ON THE EUROPEAN MARKET!

Patented panel design ensures maximum ease of correct installation and 20% quicker installation of the thermal insulation layer in comparison to regular polystyrene panels.

## APPLICATIONS

- exterior thermal insulation made using the ETICS (BSO, "light wet") method
- exterior thermal insulation made using the "light dry" method
- Thermal insulation on skeleton wall surface
- thermal insulation in closed gap of tri-layer wall
- thermal insulation in ventilated gap of tri-layer wall
- thermal insulation of tie beams and lintels

## TECHNICAL SPECIFICATIONS

Thermal conductivity $\lambda_D$ W/(mK)	0,031				
Edge shape	Straight				
Dimensions [mm]	1200 x 600				
Available thickness [mm]	120, 150, 200, 250, 300				
Class of reaction to fire	E (selfextinguishing)				
Tensile strength TR [kPa]	100				
Thermal resistance $R_D$ [m <sup>2</sup> K/W]	3,75 (120 mm)	4,65 (150 mm)	6,25 (200 mm)	7,8 (250 mm)	9,35 (300 mm)
Bending strengt BS [kPa]	100				
Density [kg/m <sup>3</sup> ]	13,5				

## PACKAGING INFORMATION

Panel thickness [mm]	120	150	200	250	300
Number of panels per package	5	4	3	2	2
Package volume [m <sup>3</sup> ]	0,432	0,432	0,432	0,360	0,432
Covered surface [m <sup>2</sup> ]	3,6	2,88	2,16	1,44	1,44

## DIMENSIONAL TOLERANCES

Tolerance [mm]	
Thickness	T(1)
Length	L(2)
Width	W(2)
Squareness	S(2)
Flatness	P(5)

Designation according to the standard: EN 13163:2012+A1:2015.  
EPS – EN 13163-T(1)-L(2)-W(2)-S(2)-P(5)-BS100-DS(N)2-DS(70,-)1-TR100