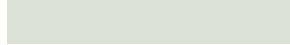


STEEL PROFILE OPTIONS

Profile	Dimensions [mm]	Exterior	Interior
M (micro)			
F (smooth)			
Line 200			
Line 600			
C (minimicro)			
B (box)			
T (Trapez)			

STANDARD COLOURS - EXTERIOR SIDE

Exterior coat types (for galvanized steel)	Polyester (PES) – 25µm				
					
		The colours are only illustrative in nature and may differ from the actual ones.			
	Spectrum (PUR) - 50µm				
The colours are only illustrative in nature and may differ from the actual ones.					

SHAPED MODULES



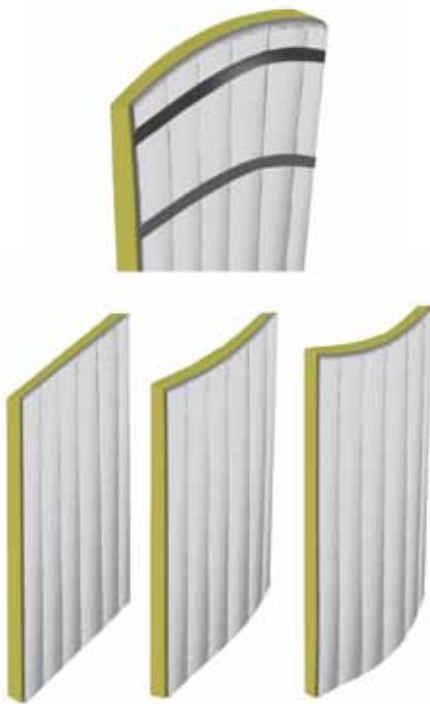
Paroc bevelled panel



Paroc corner panel



Paroc U-panel



Paroc Radius Panel



Panel Solutions

October 2019

PRODUCTSELECTOR



The information in this brochure describes the conditions and technical properties of the disclosed products, valid at the time of publication of this document and until replaced by the next printed or digital version. The latest version of this brochure is always available on the Paroc Panel System's website. Our information material presents applications for which the functions and technical properties of our products have been approved. However, the information does not mean a commercial guarantee. We do not assume liability of the use of third party components used in the application or the installation of our products. We cannot warrant the suitability of our products if used in an area or conditions which are not provided in our information material. As a result of constant further development of our products we reserve the right to make alterations to our information material at any time. Paroc Panel System is a member of Kingspan Group.

October 2019

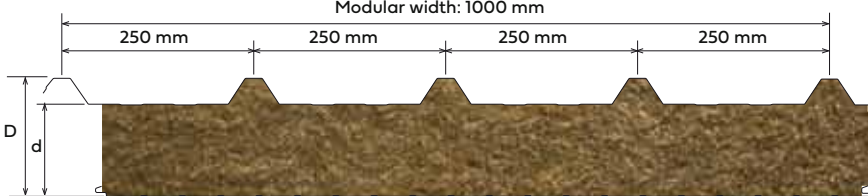


Paroc Panel System
ul. Przemysłowa 20
27-300 Lipsko, Poland
Tel: +48 48 378 31 00
panelinfo@parocpanels.com
www.parocpanels.com

PRODUCT PROPERTIES FOR PANELS

USE	External walls, internal walls and ceilings	CORE	PAROC structural stone wool
PANEL TYPES	AST® L, AST® S, AST® F, AST® E, AST® Hidden Fix, AST® Roof Panel	WIDTH	Modular width: 1000*, 1150, 1200* mm
EXTERNAL FACING	Steel sheet, standard thickness 0.6 mm, Standard coating : PES, Spectrum	MAXIMUM LENGTH	14,3 m
INTERNAL FACING	Steel sheet, standard thickness 0.5 mm, Standard coating : PES, FDS	REACTION TO FIRE	Non-combustible, Euroclass A2-s1,d0 ²⁾
		SOUND INSULATION R _w	27... 32 dB

* Standard modular width is 1150 mm. Other panel widths upon request, please contact sales department.

EXTERNAL AND INTERNAL WALLS - VISIBLE FIX 1000/1150/1200 PW			Nominal thickness (mm)	U-value (W/m2K) 1)	Fire resistance, min 2) (horizontal/vertical)	Weight (kg/m2) 3)
Stone wool core	AST® L	External profile: M (micro), Line 200, Line 600, F (smooth) Modular width : 1000*, 1150, 1200* mm  Internal profile: Line 200, F (smooth)	80	0,45	NPD	15
			100	0,37		17
			120	0,30		18
			150	0,24	EI 120/180	21
			175	0,21		22
			200	0,18		24
	AST® S		80	0,48	EI 30/ EI 30	17
			100	0,38	EI 60/ EI 60	19
			120	0,32	EI 90/ EI 90	21
			150	0,26	EI 180/ EI 180	23
			175	0,22		25
			200	0,19	EI 240/ EI 240	28
	AST® F		80	0,53	EI 45 / EI 90	19
			100	0,43		21
			120	0,36	EI 45 / EI 120	24
			150	0,29		27
			175	0,25	EI 240 / EI 240	30
			200	0,22		33
	AST® E		60	0,72	-	17
			80	0,53	EI 45 / EI 90	19
			100	0,43		22
			120	0,36	EI 45 / EI 120	24
			150	0,29		28
			175	0,25	EI 240 / EI 240	31
	200		0,22	34		
EXTERNAL WALLS - HIDDEN FIX 1000 PH			Nominal thickness (mm)	U-value (W/m2K) 1)	Fire rating, min 2) (horizontal/vertical)	Weight (kg/m2) 3)
Stone wool core	Paroc AST® Hidden Fix Panel	External profile: M (micro), C (minimicro), B (box), F (smooth) Modular width : 1000 mm  Internal profile: B (box), F (smooth)	60	0,77	-	15
			80	0,53		17
			100	0,41		19
			120	0,34	EI 180 - 4,0 o->i EI 120 - 7,5 o->i EI 90 - 4,0 o<->i EI 60 - 7,5 o<->i	21
			150	0,27		23
			160	0,26		24
			175	0,23		25
			200	0,21		28
CEILINGS - VISIBLE FIX 1000/1150/1200 PW			Nominal thickness (mm)	U-value (W/m2K) 1)	Fire rating, min 2) (horizontal/vertical)	Weight (kg/m2) 3)
Stone wool core	AST® E	External profile: M (micro), Line 200, Line 600, F (smooth) Modular width: 1000*, 1150, 1200* mm  Internal profile: Line 200, F (smooth)	80	0,53	NPD	19
			100	0,43	EI 60	22
			120	0,36		24
			150	0,29	EI 90	28
			175	0,25		31
			200	0,22		34
ROOFS			Nominal thickness (mm)	U-value (W/m2K) 1)	Fire rating, min 2) (horizontal/vertical)	Weight (kg/m2) 3)
Stone wool core	Paroc AST® Roof Panel	External profile: T (trapez) Modular width: 1000 mm 250 mm 250 mm 250 mm 250 mm  Internal profile: B (box)	60	0,67	-	17
			80	0,52	REI 90	19
			100	0,41		22
			120	0,34	REI 120	24
			150	0,28		28
			175	0,24		31
			200	0,21		34

NPD = No performance determined (not tested),
- = Not available

1) U-values including surface resistance R_{si}+R_{se}=0,17 m2K/W and the influence of joints.
2) Paroc Panel System panels are non -combustible and classified in Euroclass A2-s1, d0. For more information regarding details and spans contact Paroc Panel System/ Technical Support.
3) Panels with standard facings.



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