

Sandwich Panels

PRODUCT SELECTOR



PRODUCT CHARACTERISTICS OF PAROC SANDWICH PANELS

INSULATION CORE: PAROC structural stone wool

EXTERNAL FACING: Steel sheet, standard thickness 0.5 mm and 0.6 mm, also 0.7 mm available.
Standard coating: Spectrum® GREEN, Spectrum®, PVDF, Polyester SP25

INTERNAL FACING: Steel sheet, standard thickness 0.5 mm, also 0.6 and 0.7 mm available. Standard coating: Polyester SP25, Foodsafe, stainless steel (304, 316L)

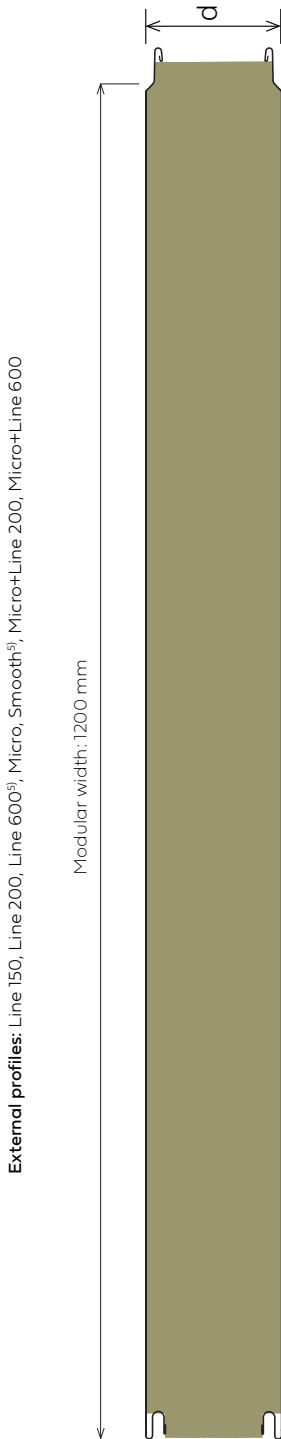
WIDTH: modular width 1200 mm, cover width 1196 mm

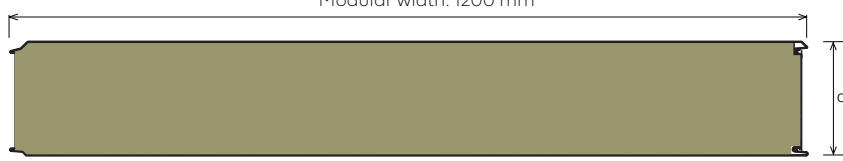
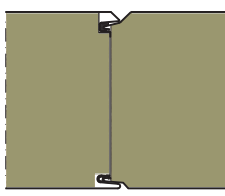
MAXIMUM LENGTH: AST® panels - 12 m , QuadCore® panels 15 m

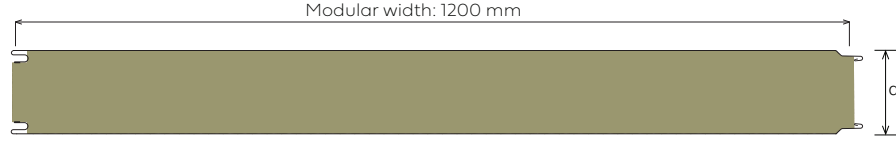
SOUND INSULATION R_w: 25...33 dB

Please visit our website for more details about Architectural Systems and Fabrications.



EXTERNAL & INTERNAL WALL PANELS			Nominal Thickness [mm]	U-Value (W/m²·K) ¹⁾	Fire Resistance, max ²⁾ (Horizontal / Vertical)	Weight (kg/m²) ³⁾
Stone Wool Core	AST® L AST® L LEC		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
			240	0,15		27
			300	0,12		31
	AST® S AST® S LEC		80	0,48	EI 15/ EI 45	17
			100	0,38	EI 60/ EI 60	19
			120	0,32	EI 180/ EI 90	21
			150	0,26	EI 180 / EI 120	23
			175	0,22	EI 180/ EI 180	25
			200	0,19	EI 180/ EI 240	28
			240	0,16		32
			300	0,13		37
	AST® S+ AST® S LEC		100	0,38	- / EI 120	21
			120	0,32		24
	AST® F AST® F LEC		80	0,53	- / EI 90	19
			100	0,43	EI 45 / EI 120	21
			120	0,36	EI 180 / EI 120	24
			150	0,29	EI 240 / EI 180	27
			175	0,25	EI 240 / EI 240	30
			200	0,22		33
			240	0,18		38
			300	0,14		45
	AST® F+ AST® F+ LEC		100	0,43	EI 120 / EI 120	21
			120	0,36		24
	AST® E AST® E LEC		50	0,77	- / EI 30	16
			80	0,53	EI 45 / EI 45	19
			100	0,43	EI 60 / EI 60	22
			120	0,36	EI 180 / EI 90	24
			150	0,29	EI 180 / EI 120	28
			175	0,25	EI 180 / EI 180	31
			200	0,22	EI 180 / EI 240	34
			240	0,18		39
			300	0,14		47

Paroc SHADOW			Nominal Thickness [mm]	U-Value (W/m²·K) ¹⁾	Fire Resistance, max ²⁾ (Horizontal / Vertical)	Weight (kg/m²) ³⁾
Stone Wool Core	AST® L AST® S AST® F AST® E		80		NPD	15/17/19/19
			100			17/19/21/22
			120			18/21/24/24
			150		EI 120 / -(AST® L)	21/23/27/28
			175			22/25/30/31
			200		EI 180 / - (AST® S, F, E)	24/28/33/34
			240			27/32/38/39
			300		EI 120 / - (AST® L)	31/37/45/47

CEILINGS			Nominal Thickness [mm]	U-Value (W/m²·K) ¹⁾	Fire Resistance, max ²⁾ (Horizontal / Vertical)	Weight (kg/m²) ³⁾
Stone Wool Core	AST® E AST® E LEC		50	0,77	NPD	16
			80	0,53		19
			100	0,43	EI 60	22
			120	0,36		EI 180
			150	0,29	28	
			175	0,25	31	
			200	0,22	34	
			240	0,18	39	
			300	0,14	47	

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

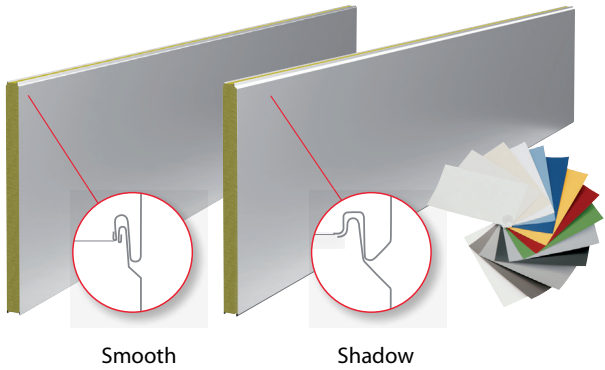
- 1) U-values including surface resistance R_{si}+R_{se}=0,17 m²K/W and the influence of joints.
- 2) Maximum fire resistance. AST panels are classified in Euroclass A2-s1, exceptions are Paroc Print panels classified in C-s1, d0 and Paroc Acoustic panels that are B-s1, d0 rated. Please contact Paroc Panel System/ Technical Support for more information regarding design details and spans.
- 3) Panels with standard facings.
- 4) For AST®L, AST®S, AST®E (steel thickness min. 0.6 mm). For further information please contact Paroc Panel System / Technical Support.
- 5) Steel thickness min. 0.6 mm
- 6) FM Approved product specifications are available in the FM Approval Guide on www.fmapprovals.com and from Paroc Panel System Technical Support.
- 7) EI-M classification available - fire wall up to EI120-M



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WALL & CEILING PANELS

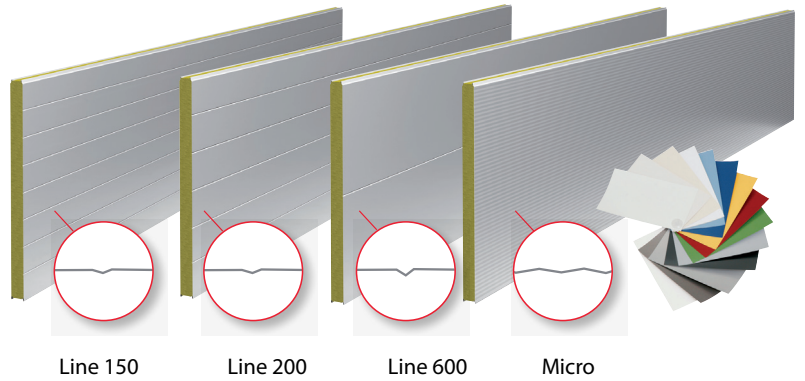
Smooth



Smooth

Shadow

Line / Micro



Line 150

Line 200

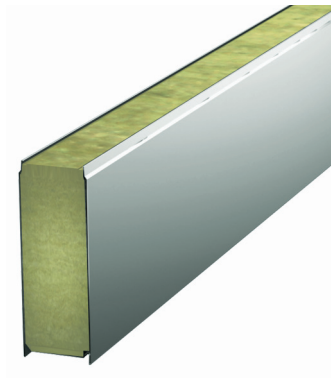
Line 600

Micro

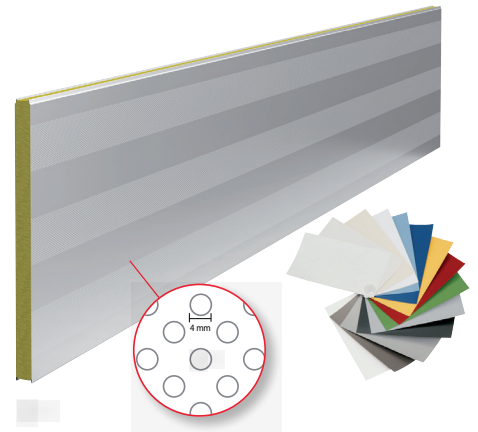
Architectural DELIGN



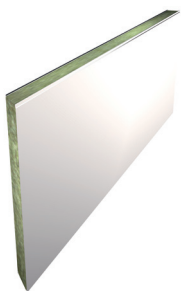
Flex



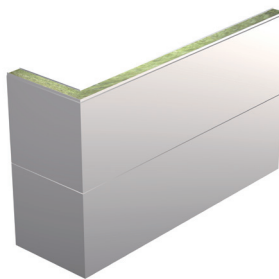
Acoustic



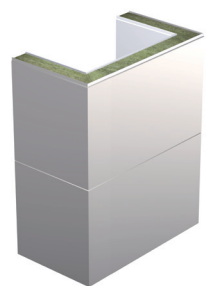
SHAPED MODULES



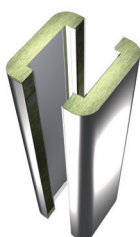
Bevelled Panels



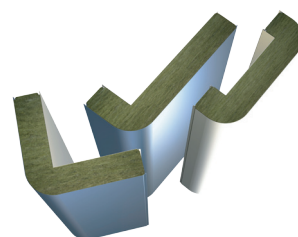
Corner Panels



U - Corner Panels



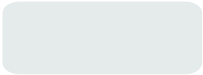
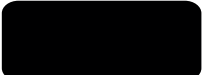
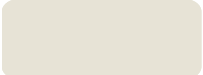
Rounded U-Corner Panels



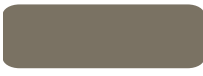
Rounded Corner Panels

COATINGS & COLOURS *Inspired by Nature*

STANDARD COLOURS

 Bright White FS-1 Foodsafe 0.5/0.6 Gloss: 11	 Moonstone 7035 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Graphite Grey Matt 7024M Spectrum® GREEN Spectrum® 0.6 Gloss: 20	 Jet Matt 9005M Spectrum® GREEN Spectrum® 0.6 Gloss: 20	 White 9010 Spectrum® GREEN Spectrum® 0.6 Polyester SP25 0.5/0.6/0.7 Gloss: 40
 Silver 9006 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Graphite Grey Matt 7024M Matt PVDF 0.6 Gloss: 4	 Jet Matt 9005M Matt PVDF 0.6 Gloss: 4	 Howlite White 0020 Spectrum® GREEN Spectrum® 0.6 Polyester SP25 0.5/0.6/0.7 Gloss: 40	 Silver Matt 9006M Matt PVDF 0.6 Gloss: 4
 Agate Grey 0021 Spectrum® GREEN Spectrum® 0.6 Polyester SP25 0.5/0.6 Gloss: 40	 Howlite Grey 9002 Spectrum® GREEN Spectrum® 0.6 Polyester SP25 0.5/0.6 Gloss: 40	 Dark Silver 9007 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Goldstone Red 0029 PVDF 0.6 Gloss: 35	 Dark Silver Matt 9007M Matt PVDF 0.6 Gloss: 4
 Onyx 7016 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Zinc Galvanised (uncoated) 0.5/0.6/0.7 Gloss: semi-reflective			

SPECIAL COLOURS

 Angelite Blue 0034 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Platinum 0044 PVDF 0.6 Gloss: 40	 Citrine Yellow 1015 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Pebble Beige 0030 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Jade Green 6011 Spectrum® GREEN Spectrum® 0.6 Gloss: 40
 Fluorite Green 0036 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Calcite Yellow 0024 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Amber Yellow 0026 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Malachite Green 0037 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Quartz Green 0011 Spectrum® GREEN Spectrum® 0.6 Gloss: 40
 Tile Red 0750 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Copper 0043 PVDF 0.6 Gloss: 35	 Garnet Brown 0032 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Onyx Black 0046 PVDF 0.6 Gloss: 35	 Gold 0042 PVDF 0.6 Gloss: 35
 Pebble Grey 0022 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Monazite Brown 0031 Spectrum® GREEN Spectrum® 0.6 Gloss: 40	 Stainless Steel 304 / 316L 0.6 Gloss: semi-reflective		

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