

Rockspan

Product Data Sheet

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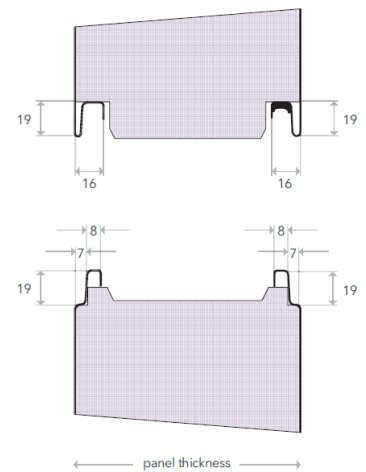
Product Data Sheet

Rockspan Lite, Extra and Ultima – External Wall/Roof Panel Solution (Through Fixed)

Application

The Rockspan® is Eurobond’s cost effective, total external wall and roof panel solution, providing ‘built in’ passive fire protection for large scale buildings thanks to its stone wool core. It is an external panel system manufactured by Eurobond that can provide up to 4 hours fire resistance to both integrity and insulation, helping to increase life safety and business continuity in the event of a fire. The through fixed joint detail enables simple and fast construction, eliminating wet trades and promoting single component through wall construction. Rockspan® can be installed both vertically and horizontally and is ideal for application within the industrial sector.

Rockspan Ultima can also be used in a roofing application, please contact Eurobond Technical department for more information.



Panel Properties

Product Tolerances	
Length	± 10mm
Width	± 2mm
Thickness	± 2mm
Facing Squareness	± 2mm
Corners (leg length)	± 3mm
Flatness	1.5mm from the theoretical flat plane over a distance of 700mm
Joint gap	± 2mm

Thickness and Weights (0.7mm Face/0.5mm Liner)								
Core Thickness (mm)	75	100	125	150	175	200	240	300
Weight: Lite	-	20.2	22.7	25.2	27.7	30.2	34.2	-
Weight: Extra	19.2	22.2	25.2	28.2	31.2	34.2	39	45.4
Weight: Ultima (0.7mm)	-	-	-	29.9	32.9	35.9	40.7	47.1



Standard Specification

- 1000mm, 1150mm and 1200mm module widths available
- 1100mm maximum module width for export
- 0.7mm thick external steel face, available in a range of colours from the TATA Colorcoat Prisma range. HPS200 also available as an option
- 0.5mm or 0.7mm thick internal steel face, in TATA white polyester lining
- Rockspan Lite – 100kg/m³ density stone wool core
- Rockspan Extra and Ultima – 120kg/m³ density stone wool core
- Panels less than 1.8m long can be supplied and are subject to an extra charge
- All panel lengths subject to technical verification

Technical Properties

Thermal Performance								
Core Thickness (mm)	75	100	125	150	175	200	240	300
U value: Lite Core	-	0.39	0.31	0.26	0.22	0.19	0.17	-
R value: Lite Core	-	2.56	3.23	3.85	4.55	5.26	5.88	-
U value: Extra Core	0.54	0.40	0.33	0.27	0.23	0.20	0.18	0.15
R value: Extra Core	1.85	2.50	3.03	3.70	4.35	5.00	5.55	6.66

Acoustic Performance								
Core Thickness (mm)	75	100	125	150	175	200	240	300
Lite	-	32	32	33	34	34	34	-
Extra	31	33	33	34	35	36	36	36
Ultima	-	-	-	34	35	36	36	36

Span performance is defined by Eurobond Technical Department on a project by project basis. Please contact panel.technical@eurocladgroup.com for more information.

Fire Performance

Eurobond panels offer a Euroclass A2-s1, d0 Reaction to Fire when tested and classified to BS EN13501-1 with standard finishes.

Rockspan can offer up to 4 hours fire resistance to both insulation and integrity but should be technically verified by Eurobond on a project basis, to the correct standards.