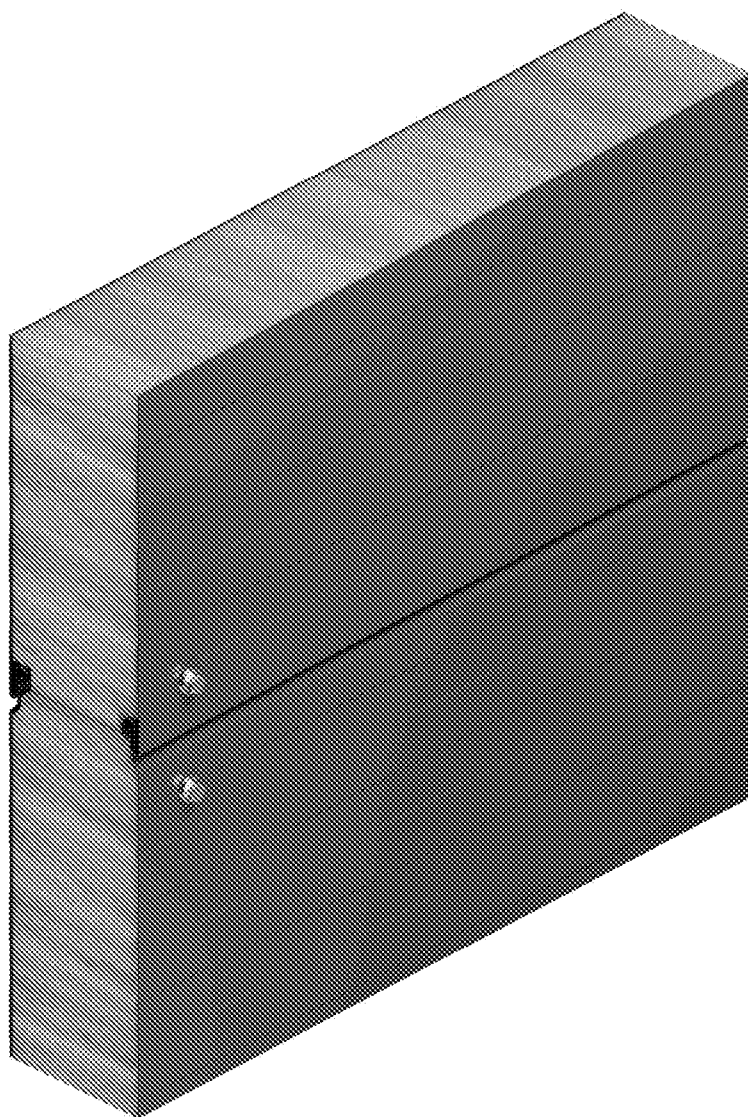


Kingspan

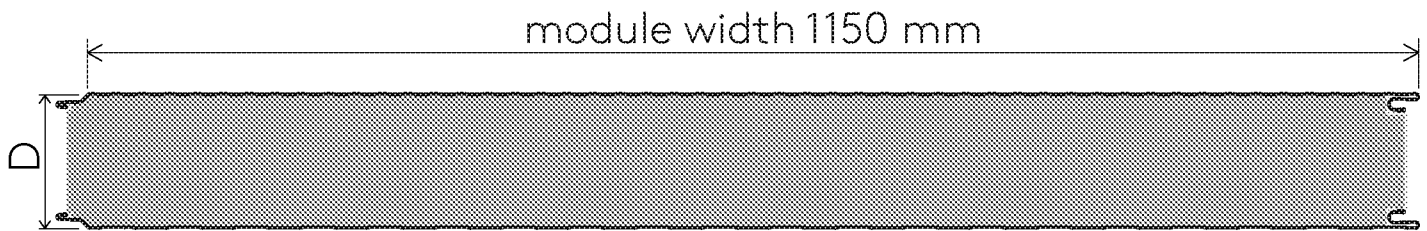
KS1150 RF C

Product Data Sheet

Wall panel with through-fix and K-Roc® stone wool insulation core.



Cross section



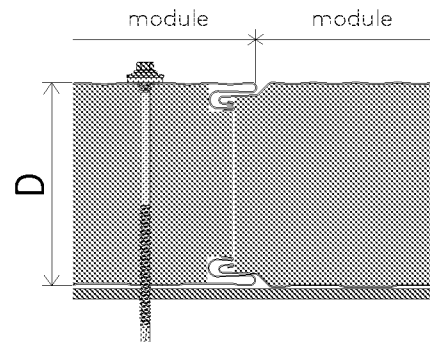
Application

The KS150 RF C is a through-fix wall system which can be laid vertically or horizontally and it is suitable for wall cladding on all types of buildings except where there are internal low temperature conditions (below 0 °C).

Panel KS1150 RF C available also in modules width 1000 and 1200 mm.

The application of panel should be verified for each project individually in order to meet the design requirements.

Joint detail



Technical properties

Product	Module [mm]	Insulation core thickness D [mm]	Weight [kg/m ²]	Panel lengths [m]		Number of panels in bundle [pcs]	Heat transfer coefficient U _{d,s} [W/(m²K)] for λ = 0,040 [W/mK] at temp. 10°C	Sound insulation R _w [dB]	Fire parameters		
				Min. ⁽¹⁾	Max.				Reaction to fire	Fire resistance ⁽³⁾	
										H - horizontal	V - vertical
KS1150 RF C	1150 ⁽²⁾	80	16,50	2,0	9,0	14	0,48	30	A2-s1,d0	-	EI 20 - 4,0 m EI 15 - 7,5 m
		100	18,20		14,3	11	0,39			EI 60 - 7,5 m	EI 60 - 4,0 m EI 45 - 7,5 m
		120	19,90			9	0,33				
		150	22,45			7	0,26				
		160	23,30			7	0,25				
		175	24,57			6	0,22			EI 180 - 4,0 m EI 120 - 7,5 m	
		200	26,70			5	0,20	29			EI 240 - 4,0 m EI 180 - 7,5 m

Note:

1) At the request of the ordering party (for an additional fee) it is possible to deliver shorter panels. In other cases short sections are combined in length, meeting the production requirements.

2) Panel available also in modules width 1000 mm and 1200 mm

3) Fire resistance parameters are valid for the product specification based on specific fire resistance classification of relevant product.

Profilation options

Profilations	Geometry - dimensions in [mm]	External	Internal
M (Micro)			
E (Euro)			
Q (Minibox 22)			
F (Flat)			

standard
 on request

Material

- **Exterior/Interior facings**
 - Hot-dip zinc coated steel with a total of 275 g/m² of zinc, according to EN 14 509;
 - austenitic stainless steel type 1.4301 according to EN 10 088
- **Insulation core**
 - K-Roc® stone wool core - Class A;

Exterior coating options

- **Polyester (PES)** - for the environment category up to C3;
- **PVDF** - for the environment category up to C4;
- **Plastizol (PVC)** - for the environment category up to C4;
- **Foodsafe (PVC)** - for the environment category up to A3*;
- **Spectrum (PUR)** - for the environment category up to C5;

Interior coating options

- **Polyester (PEI)**- for the environment category up to C2;
- **Foodsafe (PVC)** - for the environment category up to C4**;
- **PVDF** - for the environment category up to C4;
- **Spectrum (PUR)** - for the environment category up to C5;

*Outer coating allowed only for partition walls of the building.

** For more details please contact with Kingspan.

Quality

Kingspan insulated sandwich panels are manufactured from the highest quality materials, using state of the art production equipment to rigorous quality control standards, complying with ISO 9001:2015 standards, ensuring long term reliability and service life. KS1150 RF C sandwich panels are manufactured in accordance with the EN 14 509 and CE marked.

Guarantees & Warranties

The Kingspan guarantees are individually assessed for each project, especially depending on the aggressiveness of the environment and the type of surface treatment chosen.

KINGSPAN STANDARD COLORS - EXTERIOR SIDE

Exterior coat types (for galvanized steel)	Polyester (PES) – 25µm	RAL 9010	RAL 9002	RAL 7035
		RAL 9006	RAL 9007	RAL 7016
	Spectrum (PUR) – 50µm	RAL 9010		
Standard interior colors for KS1150 RF panels are RAL 9010 PES or RAL 9002 PEI (dedicated for the inside of the panel).				
The colors are only illustrative in nature and may differ from the actual ones.				

Other colors from RAL and NCS palettes are also available on request after prior consultation with Kingspan.

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07/2020

ARUN DISTRICT COUNCIL BR/232/21/PL


Kingspan.