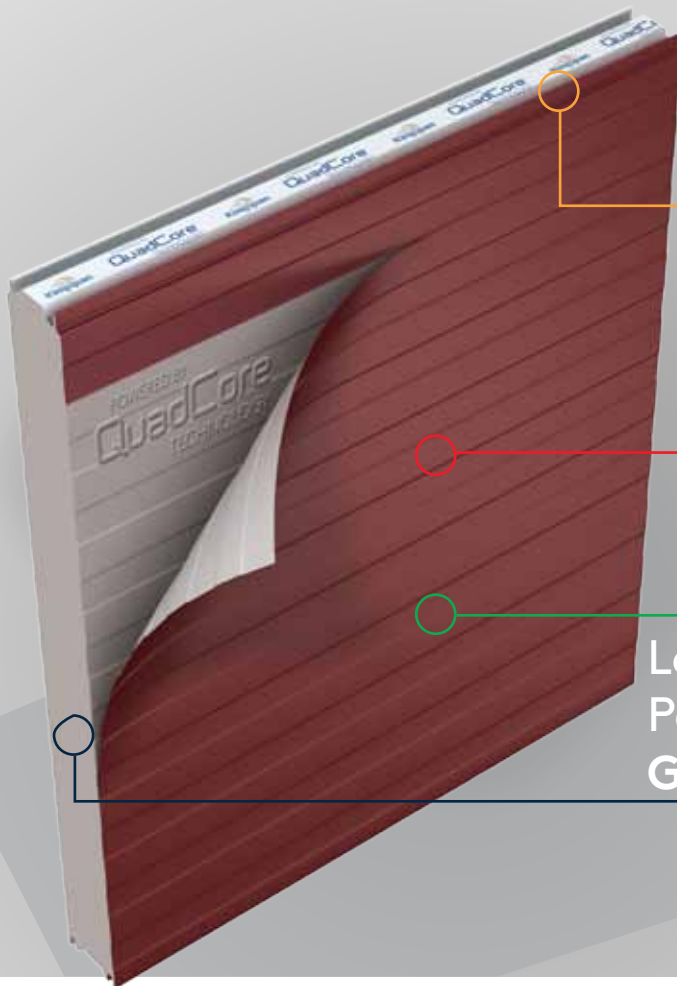


QuadCore KS1000/1100/1200 NC Product Data Sheet



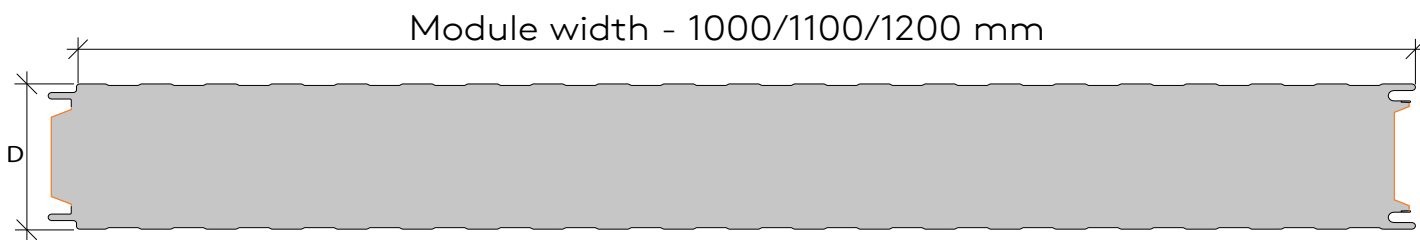
Superior Fire
Protection

Unrivalled
Thermal Performance

Enhanced
Environmental
Credentials

Longest
Performance
Guarantee

Cross section

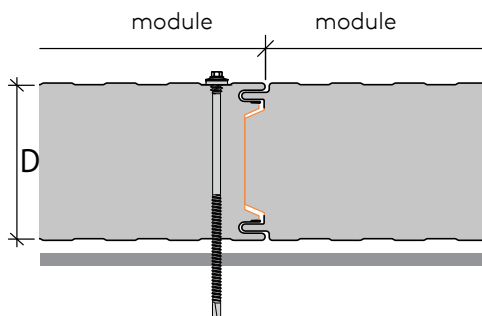


Application

KS1000/1100/1200 NC wall panels are supplied as standard without sealing tapes in the lock. Designed for applications where sealant or tape is to be applied to the lock.

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

Joint detail



Technical details

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/(m ² K)] for λ = 0,018 [W/mK] at temp. 10°C	Sound reduction index [dB]			Fire parameters	
				Min. ⁽¹⁾	Max.			R _w	R _{A1}	R _{A2}	Reaction to fire	Fire resistance
KS1000/1100/1200 NC	1000/1100/1200	50 ⁽²⁾	10,49	2,0	18,0	23	0,35	-			B-s1, d0	-
		80 ⁽²⁾	11,69			14	0,22	-		EI 15		
		100	12,49			11	0,18	25				
		120	13,29			9	0,15	26		EI 30		
		150	14,49			7	0,12					
		170	15,29			7	0,11	27				
		200	16,49			5	0,09					EI 60

- 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) NC panels in thicknesses 50 mm and 80 mm require min. quantity order 1,5 km per campaign.

Technical data

Profilations	Geometry - dimensions in [mm]	Exterior	Interior
M (micro)		■	
P (plank)		■	
W (wave)		■	
D (deep)			■
B (box)		■	■
F (flat)		●	●

- standard
- on request

Material

- **Exterior/Interior facings:**
 - hot-dip zinc coated steel with a total of 275 g/m² of zinc, according EN14509;
 - austenitic stainless steel type 1.4301 according to EN 10 088;
- **Insulation core:**
 - insulation core QuadCore closed-cell foam;

Exterior Coating Options

- **Polyester** - for the environment category up to C3;
- **Foodsafe (PVC)** - for the environment category up to A3*;
- **INOX** - for the environment category up to C5;
- **Spectrum (PU)** - for the environment category up to C5;

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-
-

Interior Coating Options

- **Polyester** - for the environment category up to C2;
- **Foodsafe (PVC)** - for the environment category up to C4;
- **INOX** - for the environment category up to C5;
- **Spectrum (PU)** - for the environment category up to C5;

-
-
-
-

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

Reference documents

KS1000/1100/1200 NC sandwich panels are manufactured in accordance with the EN 14 509 and CE marked.

Quality

Kingspan insulating sandwich panels are made from the highest quality materials, using the latest manufacturing technology, meet the stringent quality control requirements, meet ISO 9001:2015 standards and guarantee long service life and reliability.

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.

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Exterior coat types (for galvanized steel)	Polyester (PES) - 25µm	RAL 9010	RAL 9002	RAL 7040	RAL 9006	RAL 9007
		RAL 3009	RAL 7016	The colors are only illustrative in nature and may differ from the actual ones.		
	Standard interior colors for KS1000/1100/1200 NC panels are RAL9010 PES or RAL 9002 PES.					
Spectrum (PUR) - 50µm	RAL 9010	RAL 9002	RAL 9006	RAL 9007		
	RAL 3009	RAL 7016	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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Information about the product offer in others countries can be obtained from your local sales representative or on the website www.kingspan.com



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