

Fire Performances



Extended fire resistance applications for export

	Product	Degree of fire resistance	Panel thickness (mm)	Nominal maximum span (m)		Comments
				Vertical installation (m)	Horizontal installation (m)	
Fire resistance Wall/partition wall according to EN 1364-1, EN 13501-1, EN 14509	QuadCore® IND POWERED BY QuadCore TECHNOLOGY	EI30*	≥ 120	≤ 4	≤ 4	Without stitching
		EI60*	≥ 200	≤ 4	-	Without stitching
	IND	EI30*	≥ 100	≤ 4	≤ 4	Stitching every 250 mm on both sides of the joint
		EI30*	≥ 120	≤ 4	≤ 4	Without stitching
		EI60*	≥ 200	≤ 4	-	Without stitching
	Decaroc 50F (Mineral wool)	EI60	≥ 80	≤ 4	≤ 4	Without stitching
		EI60	≥ 120	-	≤ 8	Without stitching
		EI90	≥ 100	≤ 4	≤ 4	Stitching obligatory every 300 mm on both sides of the joint
		EI120	≥ 120	≤ 4	≤ 6	Without stitching
		EI120	300	-	≤ 6	Without stitching
		EI240	300	≤ 4	≤ 5	Without stitching
	Fire resistance Ceiling according to EN 1364-2, EN 13501-2 EN 14509	Decaroc 50F (Mineral wool)	EI120	120	≤ 4.4	
EI180			300	≤ 2.5		Stitching obligatory every 300 mm in the joint on the opposite side of the fire

* Insertion of specific joints in the joint detail in accordance with each fire resistance classification downloadable at www.isocab.com

LPS1208 issue 2.2 for IND panel ceiling and wall

LPCB Ref. No.**	Product	Specification thickness (mm)	Maximum unsupported span (m)	Panel orientation (H/V)*	Fire resistance (min) Integrity / Insulation	Grade
1295a/01	IND Ceiling panel system (PIR)	100 - 220	3.45	-	35 / 35	FR30
1295a/02	IND Wall panel system (PIR)	100 - 220	4.00	V	54 / 33	FR30
1295a/03	IND Wall panel system (PIR)	120 - 220	4.00	V	33 / 33	FR30

Notes :

* Wall panel orientation, horizontal or vertical (H/V), relates to the long joint orientation.

** LPCB Ref. No. 1295a/01, 1295a/02, 1295a/03 – refer to model specification LPCB 35 Rev No. 0 for full details.

This certificate is available for download on our site www.isocab.com

Reaction to fire

	Product	Degree of reaction to fire	Panel Thickness (mm)		Product	Fire Classification
Reaction to fire wall/partition wall and ceiling EN 13501-1:2007+A1:2009 EN 14509	QuadCore® IND POWERED BY QuadCore TECHNOLOGY	B-s1,d0	60 to 220	FM Global Approval (Class 1 & unlimited height)	Isocab IND W with QuadCore® POWERED BY QuadCore TECHNOLOGY	4880/4881/4882
	IND	B-s2,d0	40		Isocab IND W with thermoset core	4880/4881
		B-s1,d0	60 to 220			
Reaction to fire wall/partition and ceiling NF EN 13501-1+A1:2013 EN 14509	Decaroc (Mineral wool)	A2-s1,d0	60 to 300		Isocab Decaroc with mineral wool core	4880/4881

DRTB-12.2019-EN This version replaces all other versions.

Isocab France SAS • Z.I. de Grande-Synthe • 3, rue Charles Fourier • CS 30142 • F-59792 Grande-Synthe CEDEX
• T +33 [0] 3 28 29 24 40 • F +33 [0] 3 28 29 24 50 • info@isocabfrance.fr