

ROCKMUR KRAFT

Stone wool panel clad with polyethylene kraft paper vapour barrier, intended for insulation:

- of all types of vertical walls between frames
- all types of masonry internal partitions
- furnished attics, to be fitted between studding or windows.



FIRE SAFETY

■ Reaction to fire

No determined performance (Euroclass F).

Use authorised in Buildings Open to the Public (E.R.P - Etablissement Recevant du Public) under article AM8 of the order of 6 October 2004 and its addition of 4 July 2007.

CERTIFICATES

■ ACERMI
02/015/025

■ KEYMARK
008-SDG5-025

■ DoP
CPR- DoP-FR-028

ADVANTAGES

- Available thicknesses from 45 to 120 mm.

TECHNICAL CHARACTERISTICS

Weight characteristics	Performance
Thermal conductivity (W/m.K)	0.037
Reaction to fire (Euroclass)	F*
Nominal density (kg/m ³)	28 to 36
Thickness tolerance	T3
Dimensional stability under specified temperature and humidity conditions	DS(TH)
Short term water absorption	WS

* no performance determined

ACOUSTIC PERFORMANCE

Test of standard 12.5 mm plaster board inner partition on 200 mm hollow block wall + 15 mm coating.

	R _w (C;Ctr) in dB	
	R _A	R _{A,tr}
200 mm hollow block wall coated but uninsulated	55 [-1; -3]	
	54	52
200 mm hollow block wall, coated and insulated with ROCKMUR KRAFT thk. 100 mm	65 [-2; -9]	
	63	56

CSTB Tests: no. 30698/1

REFERENCES, PACKING

Reference	Dimensions L x W x t (mm)	Thermal resistance (m ² .K/W)	Number of units / packages	Number of m ² / package	Number of packages / pallet	Number of m ² / pallet
72281	1350 x 600 x 45	1.20	14	11.34	12	136.08
72282	1350 x 600 x 60	1.60	12	9.72	12	116.64
72283	1350 x 600 x 75	2.00	10	8.10	12	97.20
72284	1350 x 600 x 100	2.70	8	6.48	12	77.76
72285	1350 x 600 x 120	3.20	6	4.86	12	58.32

APPLICATION “ON VERTICAL WALLS”

■ Step 1: Supply to the work site

For insulation using an internal panel on a frame or masonry the insulation packages, the internal facings, the frames and accessories must be stored in accordance with the recommendations from each manufacturer. For insulation, external storage is possible if the pallet packaging is in good condition. Individual packages must be stored inside the building.

Installing insulation panels does not require any special tools.

■ Step 2: Preparing the work site

In all cases, the walls must be clean, sound and free from any trace of damp. Watertightness must be provided by the external or internal coating even in the case of external insulation under cladding or under a coating.

For an inner partition on a frame, its position will depend on the choice of construction mode and the desired insulation thickness.

DTU 25-41 recommends the dimensions of inner partitions with or without intermediate fixing to the support.

■ Step 3: Choice of construction method

- Case no. 1: Inner partitions comprising single or double uprights without intermediate fixing to the support

The uprights must be dimensioned to suit the height of the inner partition and their installation method (single or double).

For a maximum 2.50 m high inner partition, the uprights must be inserted in the top and bottom rails every 60 cm either singly with M70/35 uprights or double with M48/50 uprights.

Constructing the inner partition without intermediate fixings allows improved acoustic and thermal performance.

■ Case no. 2: Inner partitions comprising single or double uprights with intermediate fixing to the support

For 6 m maximum height inner partition, the minimum

Upright	Insulation (mm) Min - Max	Max. height (m)	
		Spacing 60 cm	
		Single upright	Double upright
M36/40	30	1.75	2.10
M48/35	30 to 50	2.00	2.40
M48/50		2.15	2.55
M70/35	30 to 70	2.50	3.00
M70/50		2.70	3.20
M90/35	30 to 85	2.90	3.45
M90/50		3.10	3.70
M100/50	30 to 100	3.30	3.90

M48/35 uprights must be placed every 60 cm and fixed to the support wall by metal supports a maximum of 1.50 m apart vertically.

The metal supports must be fixed using fixings suited to the type of wall.

■ Case no. 3: Inner partitions comprising furring with clipped intermediate supports

This case is limited to the construction of 2.70 m maximum height partitions in residential premises. The furring must be clipped into intermediate supports generally comprising two or three inseparable parts (a spacer to be inserted in horizontal furring fixed on the support wall or a spacer to be fixed directly into the wall, and a bridge to be inserted in vertical furring on the warm side, and fixed onto this spacer).

■ Fixing top and bottom rails:

Fix the top and bottom rails onto the carcass floor and ceiling at a distance from the wall to be lined greater than or equal to the insulation thickness used with the addition of any air gap depending on the wall type. The rails must be aligned with the plane of the furring, the facing and the internal backstop of the joinery.