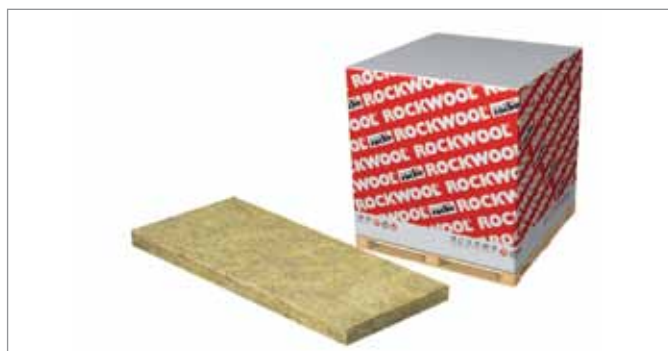
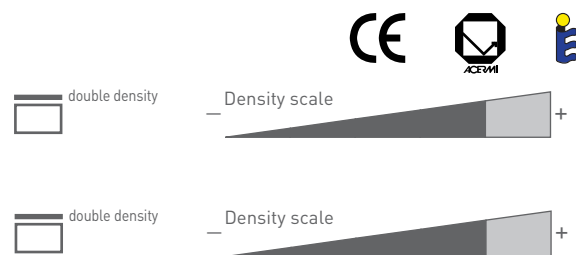


ROCKFEU REI 60 RSD & ROCKFEU REI 120 RSD

ROCKFEU REI 60 RSD and ROCKFEU REI 120 RSD are double-density bare stone wool panels, used for insulating existing slabs by plugging to their underside.



FIRE SAFETY

Reaction to fire

ROCKFEU REI 60 RSD and ROCKFEU REI 120 RSD are incombustible; consequently they do not contribute to the development of the fire (Euroclass A1).

Fire resistance

Summary table for fire tests performed (reinforced concrete slab, thk. 140 mm):

References	No. of plugs	Fire resistance performance / Report no. / Thickness range (mm)	
ROCKFEU REI 60 RSD	5	1 h	PV 08-A-120 60
ROCKFEU REI 120 RSD		2 h	PV 07-A-039 60 PV 06-A-292 70-80-90-110

Length according to the thickness of the insulation (consult manufacturers' technical data sheets).

The following models of plug have been validated by the fire resistance test mentioned:

- IDMS (HILTI) - ISOMET (SPIT) - METALISO (LR ETANCO)

CERTIFICATES

ROCKFEU REI 60 RSD

■ ACERMI 07/015/445 ■ KEYMARK 008-SDG5-445 ■ CE 1163-CPD-0181

DoP

CPR- DoP-FR-006

ROCKFEU REI 120 RSD

■ ACERMI 07/015/443 ■ KEYMARK 008-SDG5-443 ■ CE 1163-CPD-0169

DoP

CPR- DoP-FR-007

ADVANTAGES

ROCKFEU REI 60 RSD

For sites requiring minimum fire resistance.

ROCKFEU REI 120 RSD

Guaranteed fire and acoustic performance, number of fastenings reduced to 5 plugs per panel.

TECHNICAL CHARACTERISTICS

Weight characteristics	Performance
Thermal conductivity (W/m.K)	0.035 / 0.034
Reaction to fire (Euroclass)	A1
Nominal density of lower layer (kg/m³)	60 / 65
Nominal density of upper layer (kg/m³)	110
Thickness tolerance	T5
Dimensional stability under specified temperature and humidity conditions	DS(TH)
Short term water absorption	WS
Water vapour transmission	MU1

ACOUSTIC PERFORMANCE

Attenuation

Systems	R _w (C;Ctr) in dB	
	R _A	R _{A,Tr}
Uninsulated concrete slab, 160 mm	55 [-3; -7]	
	52	48
A Slab insulated with ROCKFEU REI 60 RSD thk. 120 mm	57 [-3; -8]	
	54	49
B Slab insulated with ROCKFEU REI 120 RSD thk. 150 mm	59 [-3; -8]	
	56	51

A CTBA test: no. 07/CTBA-IBC/PY/130/2

B CTBA test: no. 404/07/130/6

Absorption

α_w = 0.90

Test no. FCBA404-08-47-6/A (Rockfeu REI60 RSD) thk. 80 mm

Test no. FCBA404-08-47-6/B (Rockfeu REI120 RSD) thk. 80 mm



ROCKFEU REI 60 R_sD

REFERENCES, PACKING

Reference	Dimensions L x W x t (mm)				Thermal resistance (m².K/W)	Number of panels/ pallet	Number of m²/ pallet	Minimum quantity
62628	1200	x	600	x 60	1.70	42	30.24	22 pallets
62627	1200	x	600	x 70	2.00	36	25.92	44 pallets
62626	1200	x	600	x 80	2.35	30	21.60	-
62605	1200	x	600	x 85	2.45	28	20.16	44 pallets
62625	1200	x	600	x 90	2.60	28	20.16	-
62604	1200	x	600	x 95	2.75	24	17.28	-
62624	1200	x	600	x 100	2.90	24	17.28	-
62603	1200	x	600	x 105	3.05	24	17.28	44 pallets
62623	1200	x	600	x 110	3.15	20	14.40	48 pallets
62622	1200	x	600	x 120	3.45	20	14.40	-
62621	1200	x	600	x 130	3.75	16	11.52	-
63623	1200	x	600	x 140	4.05	16	11.52	48 pallets
62620	1200	x	600	x 150	4.35	16	11.52	44 pallets

ROCKFEU REI 120 R_sD

REFERENCES, PACKING

Reference	Dimensions L x W x t (mm)				Thermal resistance (m².K/W)	Number of panels/ pallet	Number of m²/ pallet	Minimum quantity
62619	1200	x	600	x 60	1.70	42	30.24	22 pallets
62618	1200	x	600	x 70	2.00	36	25.92	44 pallets
62617	1200	x	600	x 80	2.35	30	21.60	-
62602	1200	x	600	x 85	2.45	28	20.16	44 pallets
62616	1200	x	600	x 90	2.60	28	20.16	-
62601	1200	x	600	x 95	2.75	24	17.28	-
63624	1200	x	600	x 100	2.90	24	17.28	-
62600	1200	x	600	x 105	3.05	24	17.28	44 pallets
62615	1200	x	600	x 110	3.15	20	14.40	48 pallets
62614	1200	x	600	x 120	3.45	20	14.40	-
62613	1200	x	600	x 130	3.75	16	11.52	-
63797	1200	x	600	x 140	4.05	16	11.52	48 pallets
62612	1200	x	600	x 150	4.35	16	11.52	44 pallets