

ECOROCK

Uncovered double density rigid panel for insulation of façades under coating.



FIRE SAFETY

■ Reaction to fire

ECOROCK is incombustible; consequently it does not contribute to the development of the fire (Euroclass A1). The use of an incombustible stone wool insulation allows compliance with the requirements of technical instruction IT no. 249.

The ECOROCK procedure for external insulation under coating is perfectly suited to the fire regulations for high buildings (IGH), buildings open to the public (ERP) and housing of all categories.

■ Reaction to water

WS: Water absorption $\leq 1.0 \text{ kg/m}^2$ in 24 hours

WL(P): Water absorption $\leq 3.0 \text{ kg/m}^2$ in 28 days

CERTIFICATES

■ ACERMI
10/015/595

■ KEYMARK
008-SDG5-595

■ CE
1163-CPD-0247

■ ETPM
ECOROCK (CSTB)

■ DoP
CPR- DoP-FR-016

ADVANTAGES

■ Incombustible, IGH (high building) and ERP (establishments open to the public) compatible, excellent thermal performance.

TECHNICAL CHARACTERISTICS

Weight characteristics	Performance
Thermal conductivity (W/m.K)	0.036
Reaction to fire (Euroclass)	A1
Fire loading (MJ/m ² /cm)	0*
Length (mm)	1200
Width (mm)	600
Nominal density of the bottom layer (kg/m ³)	95
Nominal density of the upper layer (kg/m ³)	150
Thickness tolerance	T5
Dimensional stability under specified temperature and humidity conditions	DS(70,90)
Compression	CS(10\Y)20
Point load	PL(5)300
Perpendicular tension	TR7,5
Short term water absorption	WS
Long term water absorption	WL(P)
Water vapour transmission	MU1

* Due to its Euroclass A1 rating, the ECOROCK product should not be associated with the term "Combustible Material" as defined by the fire safety regulations applicable to the façade. For this reason ECOROCK is exempt from calculation in the general evaluation of the available combustible mass in the façade. Its available combustible mass is considered as zero.

ROCKWOOL RECOMMENDATIONS

■ RT 1212: ECOROCK thk. 140 mm minimum recommended, refer to the RT 1212 doc

■ RT 2005: ECOROCK thk. 100 mm recommended

■ RT-Existing: $R > 2.00 \text{ m}^2 \cdot \text{K/W}$ ECOROCK thk. 80 mm recommended.

REFERENCES, PACKING

PALLETS SOLD IN
MULTIPLES OF 2

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 parts/ pallet	Number of m ² / pallet	Tautliner lorry m ² / load (22 pallets)	EAN codes
77222*	1200 x 600 x 50	1.35	1	0.72	96	69.12	1,520.64	3 53731 0076830
86850	1200 x 600 x 60	1.65	1	0.72	80	57.60	1267.20	3 53731 0081339
77223*	1200 x 600 x 80	2.20	1	0.72	60	43.20	950.40	3 53731 0076847
77224	1200 x 600 x 100	2.75	1	0.72	48	34.56	760.32	3 53731 0076854
77225	1200 x 600 x 120	3.30	1	0.72	40	28.80	633.60	3 53731 0076861
77221	1200 x 600 x 140	3.85	1	0.72	36	25.92	570.24	3 53731 0076823
77210	1200 x 600 x 160	4.40	1	0.72	32	23.04	506.88	3 53731 0076816

Specific delivery time: * 5 to 10 days