

ROCKWOOL[®]

Technical Datasheet

FASROCK



Segment of application
External wall rendering systems

FASROCK

Slab for External Thermal Insulating Composite Systems (ETICS)

PRODUCT DESCRIPTION

A rigid water repellent stone wool slab suitable for external wall thin coat systems. Due to its high density it is suitable for areas that may be subject of high level of impact.

APPLICATIONS

Rockwool Fasrock is a rigid high density slab for external wall systems with excellent thermal conductivity performance and good sound absorption. It can be used for thin coat rendering systems or for thicker light coating systems. Rockwool Fasrock slabs are recommended in areas which may be subject of high level of impact due to vandalism or similar. This is in most cases likely on facades next to streets, playgrounds or on the bottom area of school facades. In such case we recommend on top side a special reinforced mesh in double layer, which prevents the wool from damaging. When

supported with mechanical fixings, Rockwool Fasrock can easily carry heavier loads of such reinforced shield to give an optimal solution.

PROPERTIES OF ROCKWOOL MINERAL WOOL

Rockwool Fasrock is a very good thermal insulator. It is not flammable when exposed to open flame and does not generate smoke nor burning droplets. It helps to prevent the spread of fire. Rockwool Fasrock has also very good acoustic properties. It is water repellent through the whole section and at the same time diffusion open for the vapour transmission.

PACKAGING

Rockwool Fasrock slabs are being produced in dimension 1000 x 600 mm. We deliver the product in packs, stacked on small format pallets, covered with PE plastic cover hood.

DIMENSIONS, PRODUCT RANGE AND PACKAGING

Thickness (mm)	20*	40	50	60	70	80	100	120
Length x width (mm)	1200 x 200	1000 x 600						
m ² / pack	5.76	3.60	2.40	2.40	1.80	1.80	1.20	1.20
m ² / pallet	-	72.00	58.00	48.00	39.60	36.00	29.00	24.00

* Insulation of window and door openings only.

TECHNICAL PARAMETERS

Property	Symbol	Value	Unit	Standard
Reaction to fire	-	A1	-	EN 13501 - 1
Declared coefficient of thermal conductivity	λ_D	0.039	W/mK	EN 12667
Nominal bulk density	ρ	135	kg/m ³	EN 1602
Water vapour transmission	μ	1.4	-	EN 13162
Delamination strength	TR 15	≥ 15	kPa	EN 1607
Compressive strength at 10% deformation	CS(10)40	≥ 40	kPa	EN 826
Water absorption at short time immersing in water	WS	≤ 1,0	kg/m ²	EN 1609
Water absorption at long time immersing in water	WL(P)	≤ 3,0	kg/m ²	EN 1609
Thickness tolerance	T5	-1 +3	mm	EN 823
Melting point	Tt	> 1000	°C	DIN 4102
CE - certificate number	1390 - CPD - 0009/04/P CSI a.s., Prague			

Current HSE 'CHIP' Regulations and EU directive 97/69/EC confirm the safety of Rockwool.

Any information contained in this document describes the product properties applicable at the time of issue. Please require from your supplier always the most recent issue of this Technical Datasheet, because with respect to continuous product development, we retain the right to change some values without prior notice.