

Technical Datasheet

MULTIROCK - C



Segment of application
General building

ROCKWOOL[®]

MULTIROCK - C

Slab for partition walls, suspended ceilings or pitched roof

PRODUCT DESCRIPTION

A low density water repellent slab for partition walls or other systems with plaster board constructions.

APPLICATIONS

Rockwool Multirock is generally used for thermal insulation in partition walls and for attic insulation, where it can be installed as an additional layer below rafters on the inner side of the room. By using Multirock good fire performance of partition walls, between F 30-A to F 90-A, can be achieved. Multirock can further be installed as a cavity wall insulation in external walls or inside the wooden frame deck constructions.

Because of its relatively low density, Multirock is advised not to be used in ventilated facades.

PROPERTIES OF ROCKWOOL MINERAL WOOL

Rockwool Multirock is an excellent thermal insulator. It is not flammable when exposed to open flame and does not generate smoke nor burning droplets. Multirock helps to prevent the spread of fire. It has good acoustic properties and helps to reduce the noise transmission between rooms inside the building, when installed into partition walls. Rockwool Multirock slabs are water repellent through the whole section and at the same time diffusion open for the vapour transmission.

PACKAGING

Rockwool Multirock slabs are being produced in standard format of 1200x600 mm and 1200x625 mm. We deliver the product packed on wooden pallets only, covered with PE plastic cover hood.

DIMENSIONS, PRODUCT RANGE AND PACKAGING

Thickness (mm)	50	60	70	80	100	120	140	160	180	200
Length x width (mm)	1200 x 600 (also width 625 mm available)									
m ² / pack	8.64	7.20	5.76	5.04	4.32	3.60	2.88	2.88	2.16	2.16
m ² / pallet	138.24	115.20	92.16	80.64	69.12	57.60	46.08	46.08	34.56	34.56

TECHNICAL PARAMETERS

Property	Symbol	Value	Unit	Standard
Reaction to fire	-	A1	-	EN 13501 - 1
Declared coefficient of thermal conductivity	λ_D	0.037	W/mK	EN 12667
Water vapour transmission	μ	1.4	-	EN 12086
Nominal bulk density	ρ	34	kg/m ³	EN 1602
Thickness tolerance	T2	-5 +15	mm	EN 823
Water absorption at short time immersing in water	WS	≤ 1,0	kg/m ²	EN 1609
Water absorption at long time immersing at water	WL(P)	≤ 3,0	kg/m ²	EN 12087
Melting point	T_t	> 1000	°C	DIN 4102
CE - certificate number	ACERMI EC - certificate of conformity 1163 - CPD - 0195			

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 as 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.

ROCKWOOL®
F I R E S A F E I N S U L A T I O N