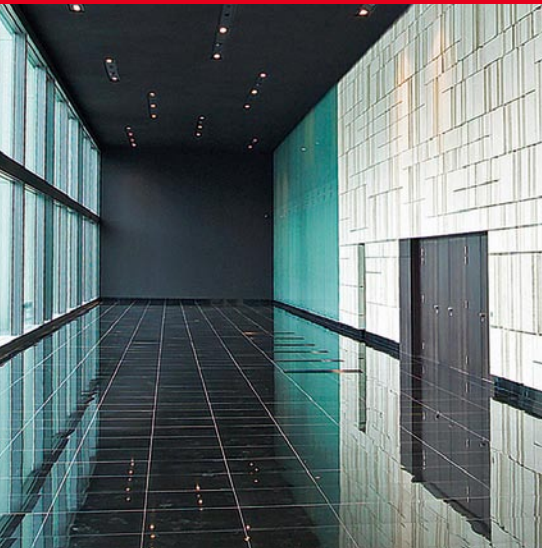


ROCCIKWOOL®

Technical Datasheet

FLOORROCK – C



Segment of application
General building – floors

FLOORROCK - C

Thermal and shock-sound insulation under "dry installed" floating floors

PRODUCT DESCRIPTION

High density slab for floating floors, mainly used for high capacity concrete floating floors or for "dry installed" floating floor made of gypsum boards or wooden OSB panels.

APPLICATION

Rockwool Floorrock can be used under high capacity load floors with concrete floating layer, reinforced with steel mesh. In such cases it can carry loads up to 4 kN/m². Due to high compression strength of Floorrock, we recommend it also for the installation under so called "dry installed" floating floors, made of gypsum boards or wooden OSB panels. Those are always installed multilayered. There should be 3 layers of floor gypsum boards, or when using OSB wooden panels, 2 layers with a minimal thickness of 16 mm. For any kind of dry application, it is very important that the bottom surface under Floorrock is as flat and even as possible.

When applying Floorrock it is important to install the RST edge strip which prevents shock-sound transmission between the floating floor and surrounding walls.

PROPERTIES OF ROCKWOOL MINERAL WOOL

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

PACKAGING

Rockwool Floorrock slabs are produced in dimension 1200 x 600 mm. We deliver packs of the product packed on wooden pallets only, covered with PE plastic cover hood.

DIMENSIONS, PRODUCT RANGE AND PACKAGING

Thickness (mm)	30	35	40	45	50	55	60	65	70
Length x width (mm)	1200 x 600								
m ² / pack	5.76	5.76	5.76	4.32	4.32	4.32	2.88	2.88	2.88
m ² / pallet	230.4	184.32	161.28	155.52	138.24	120.96	115.2	103.68	92.16

TECHNICAL PARAMETERS

Property	Symbol	Value	Unit	Standard
Reaction to fire	-	A1	-	EN 13501 - 1
Declared coefficient of thermal conductivity	λ_D	0.04	W/mK	EN 12667
Water vapour transmission	μ	1.4	-	EN 12086
Nominal bulk density	ρ	130	kg/m ³	EN 1602
Thickness tolerance	T6	-1 +1	mm	EN 823
Compressive stress at 10% deformation	CS(10)20	≥ 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 12087
Melting point	Tt	> 1000	°C	DIN 4102
CE - certificate number	ACERMI EC - certificate of conformity 1163 - CPD - 0191			

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.

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