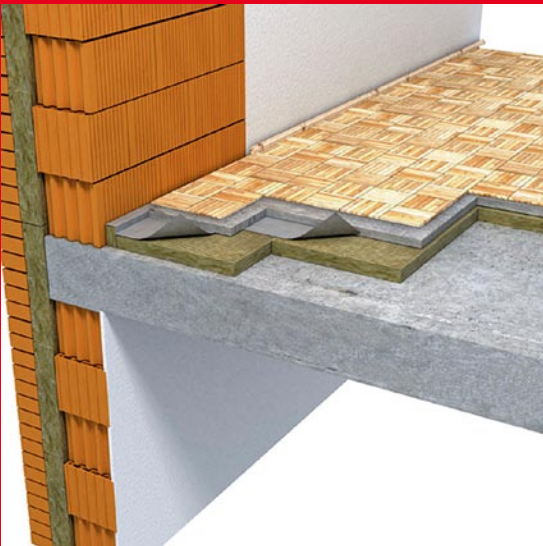


ROCKWOOL®

Technical Datasheet

STEPROCK - C



Segment of application
General building - floors

STEPROCK - C

Thermal and impact sound insulation under concrete floating floors

PRODUCT DESCRIPTION

A rigid, water repellent slab for floor insulation underneath the concrete floating estrich.

APPLICATIONS

Rockwool Steprock is used to prevent impact sound transmission from floating floors to the bearing construction and thereby throughout the building. Its density and compression strength allow the application of Steprock under concrete floating floors installed mainly in dwelling units or office buildings, where the maximum floor load does not exceed 2 kN/m². Steprock can also be used as a core insulating material in various prefabricated concrete panels, though Rockwool Adriatic recommends you to contact our technical service before applying such solution. In order to achieve effective shock sound insulation, it is also necessary to install a 8 or 12 cm width, dilatation edge strip RST.

PROPERTIES OF ROCKWOOL MINERAL WOOL

Rockwool Steprock is an excellent thermal insulator and impact sound absorber. It is not flammable when exposed to open flame and does not generate smoke nor burning droplets. Steprock 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. Steprock slabs are water repellent through the whole section and at the same time diffusion open for the vapour transmission.

PACKAGING

Rockwool Steprock slabs are being produced in the dimension 1200 x 600 mm. Rockwool Adriatic delivers 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	60	70
Length x width (mm)	1200 x 600						
m ² / pack	5.76	5.76	5.76	5.76	4.32	2.88	2.88
m ² / pallet	230.40	184.32	161.28	161.28	138.24	115.20	92.16

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	120	kg/m ³	EN 1602
Thickness tolerance	T6	-1 +1	mm	EN 823
Compressive stress at 10% deformation	CS(10)20	≥ 20	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 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 - 0199			

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