

# ROCKWOOL®

THERMAL AND FIRESAFE INSULATION

## FLOATING FLOORS

## DATASHEET

### STEPROCK HD

#### THERMAL INSULATING AND ACOUSTIC SLABS

- PRODUCT DESCRIPTION**

Hard rigid stone wool resin bonded slabs hydrophobized in full volume.

- APPLICATIONS**

Thermal insulating slabs resistant against pressure load, used for increasing footfall and airborne sound transmission loss of light floating floors.

- PROPERTIES OF ROCKWOOL MINERAL WOOL**

Thermal insulation; fire resistance – protection against the spread of fire; sound absorption; water and moisture repellent – water vapour permeability; dimension stability.

- PACKAGING**

The slabs are wrapped in PE foil with the name of the manufacturer and the basic product data printed on the label.

#### DIMENSIONS, STANDARD SIZES, PRODUCED RANGE AND PACKAGING

Thickness (mm)	20	25	30	40	50	60	80
Length x width (mm)	1,000 x 500						
m <sup>2</sup> / package	6.0	5.0	4.0	3.0	3.0	-	-
Length x width (mm)	1,000 x 600						
m <sup>2</sup> / package	7.2	6.0	6.0	4.8	3.6	3.0	3.0

#### TECHNICAL PARAMETERS

Property	Symbol	Value	Unit	Standard
Reaction to fire	---	A1	---	EN 13501-1
Declared thermal conductivity coefficient	$\lambda_D$	0.039	$W.m^{-1}.K^{-1}$	EN 12667
Diffusion resistance factor	$\mu$	2	(-)	EN 12086
Resistance against 10% compression	$\sigma_{10}$	30	kPa	EN 826
Dynamic stiffness	$s'$	20.1/30 mm 15.2/40 mm	$MPa.m^{-1}$	EN 29052-1
Air flow resistance	$r$	63.6 / 30 mm	$kPa.s.m^{-2}$	EN 29053
Specific thermal capacity	$C_c$	840	$J.kg^{-1}.K^{-1}$	STN 73 0540-1
Melting point	$t_i$	> 1,000	°C	DIN 4102
CE-marking building certificate	0958-CPD-0111 and -0410		INTRON Certificatie B.V., Culemborg	
Quality Management System	ISO 9001:2000 – Certificate No. 134429		Bureau Veritas (BVQI) CS Prague	
Environmental Protection System	ISO 14001:2004 – Certificate No. 140868		Bureau Veritas (BVQI) CS Prague	

Note: For light floating floors with an acoustics effect, we recommend using Steprock HD slabs of a maximum thickness of 40 mm. Always follow the instructions of the manufacturers of certified floor systems for light floating floors!

Any information contained in this data sheet describes the product properties applicable as at the time of issue. With respect to continuous development of these materials, changes to their properties may take place from time to time.

#### Rockwool Hungary Kft.

1123 Budapest, Alkotás út 39/C  
Tel.: (06-1) 225 2400, Fax: (06 1) 225 2401  
email: [info@rockwool.hu](mailto:info@rockwool.hu)