

STEPROCK BASE

TECHNICAL LIST

PRODUCT DESCRIPTION	Stone wool boards for thermal insulation of floating floors with cement and anhydrite screeds, as well as dry screeds made of wood-based boards, gypsum fiber boards, wood chip-cement boards, and fiber-cement boards.
PRODUCT CODE	30-100 mm MW-EN 13162 T7-DS(70;90)-CP2-CS(10)60-WS-WL(P)-MU1
NORM	EN 13162:2012+A1:2015
CE CERTIFICATE	1023-CPR-1208 P

APPLICATION	- Thermal insulation, applied in a maximum of two layers, for floating floors with cement or anhydrite screeds and dry screeds. - Thermal insulation, applied in a single layer, in solutions with an additional acoustic insulation layer of STEPROCK SUPER, compatible with cement or anhydrite screeds and dry screeds. - Thermal insulation, applied in a single layer, in solutions with an additional acoustic insulation layer of STEPROCK PLUS, compatible with cement or anhydrite screeds. - Suitable for use on floors in load category A to D premises, in accordance with EN 1991-1-1.
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TECHNICAL PARAMETERS	Thermal conductivity coefficient	$\lambda_D = 0,038 \text{ W/m}\cdot\text{K}$
	Durability of thermal conductivity coefficient as a function of aging	$\lambda = 0,038 \text{ W/m}\cdot\text{K}$
	Compressive stress at 10% deformation	$CS(10) \geq 60 \text{ kPa}$
	Compressibility	$\leq 2 \text{ mm}$
	Short-term water absorption	$WS \leq 1 \text{ kg/m}^2$
	Long-term water absorption	$WL(P) \leq 3 \text{ kg/m}^2$
	Dimensional stability at an elevated temperature of 90°C and 90% relative humidity.	$DS(70,90) \leq 1\%$
	Water vapor permeability	$MU1 \mu = 1$
	Reaction to fire class	A1 product
	Durability of reaction to fire as a function of heat, weather conditions, aging, and degradation	A1 product
	Characteristic self-weight load	$1,52 \text{ kN/m}^3$

OTHER TECHNICAL INFORMATION	Insulation layer 1	Insulation layer 2	Insulation layer 3	type of screed ¹⁾	maximum load ²⁾ [kPa]
	STEPROCK BASE	–	–	wet	5
	STEPROCK BASE	STEPROCK BASE	–	wet	5
	STEPROCK SUPER	STEPROCK BASE	–	wet	5
	STEPROCK PLUS	STEPROCK BASE	–	wet	3
	STEPROCK BASE	STEPROCK BASE	STEPROCK BASE	wet	3
	STEPROCK SUPER $\leq 40 \text{ mm}$	STEPROCK BASE	–	dry	2
	STEPROCK BASE	STEPROCK BASE	–	dry	2

¹⁾ Wet screed, concrete or anhydrite, dry screed in the form of approved wood-based, fiber-gypsum, wood chip-cement, or fiber-cement boards.

²⁾ Loads according to PN-EN 1991-1-1 standard.

length	width	thickness	thermal resistance R_D	boards in pack	m ² in pack	packs per pallet	m ² per pallet
[mm]	[mm]	[mm]	[m ² ·K/W]	[szt.]	[m ²]	[szt.]	[m ²]
1000	600	30	0.75	10	6,00	16	96,0
1000	600	35	0.90	8	4,80	16	76,8
1000	600	40	1.05	6	3,60	20	72,0
1000	600	50	1.30	4	2,40	24	57,6
1000	600	60	1.55	4	2,40	20	48,0
1000	600	80	2.10	3	1,80	20	36,0
1000	600	100	2.60	3	1,80	16	28,8

The product is supplied exclusively on wooden pallets with dimensions 2000×1200 mm.



Edition: 06/2025

