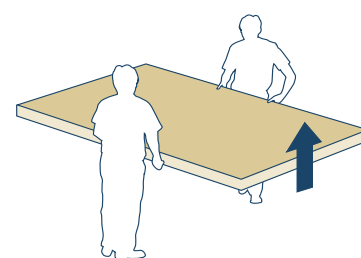


HARDROCK MF PLUS

TECHNICAL LIST

PRODUCT DESCRIPTION	Dual density boards made from stone wool for thermal insulation coated with special fleece.	
CODE	MW-EN 13162-T5-DS(70,90)-CS(10)50*-TR10-PL(5)700-WS-WL(P)-MU1 *for top layer of the board CS(10)70	
NORM	EN 13162:2012+A1:2015	
CE CERTIFICATE	1023-CPR-1203 P	
APPLICATION	Non-combustible insulation: ■ flat roofs directly covered with single- or double-layer roof coatings, ■ dedicated to bonding flat roof solutions, available for direct torching; self-bonding asphalt felts; PVC, EPDM, TPO/FPO bonding	
TECHNICAL PROPERTIES	declared thermal conductivity coefficient	$\lambda_D = 0,037 \text{ W/m}\cdot\text{K}$
	point load behaviour at 5 mm	PL(5) $\geq 700 \text{ N}$
	compressive stress at 10% relative deformation for the board	CS(10) $\geq 50 \text{ kPa}$
	compressive stress at 10% relative deformation for the top layer of the board	CS(10) $\geq 70 \text{ kPa}$
	tensile resistance	TR $\geq 10 \text{ kPa}$
	water absorption, long term	WL(P) $\leq 3 \text{ kg/m}^2$
	water absorption, short term	WS $\leq 1 \text{ kg/m}^2$
	reaction to fire	A2-s1;d0 product
	characteristic load	1,61-1,29 kN/m ³



length	width	thickness	thermal resistance R_D	number of boards per pallet	number of m ² per pallet
[mm]	[mm]	[mm]	[m ² ·K/W]	[pcs]	[m ²]
2000	600	50	1,35	48	57,60
2000	600	60	1,60	40	48,00
2000	600	70	1,85	32	38,40
2000	600	80	2,15	30	36,00
2000	600	90	2,40	24	28,80
2000	600	100	2,70	24	28,80
2000	600	110	2,95	20	24,00
2000	600	120	3,20	20	24,00
2000	600	130	3,50	18	21,60
2000	600	140	3,75	16	19,20
2000	600	150	4,05	16	19,20
2000	600	160	4,30	14	16,80
2000	600	170	4,55	14	16,80
2000	600	180	4,85	12	14,40
2000	600	190	5,10	12	14,40
2000	600	200	5,40	12	14,40

Product on pallets built from stone wool. Pallets dimensions: max 2000×1200×1320 mm.