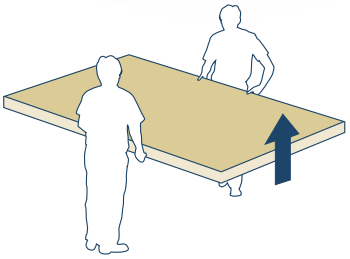
HARDROCK SOLARIS

PRODUCT DESCRIPTION	Non-combustible stone wool boards with a dual-density structure–featuring a specially hardened top layer–designed for thermal insulation of flat roofs that will be fitted with a photovoltaic system. They offer a notably low thermal conductivity coefficient (lambda) for top roofing boards, while providing the highest point load resistance of PL(5) 1000 N and exceptionally hardened surface performance at CS(10) 100 kPa.	
PRODUCT CODE	MW-EN 13162-T4-DS(70,90)-CS(10)70*-TR10-PL(5)1000-WS-WL(P)-MU1 *for the board's top layer CS(10)100	
NORM	EN 13162:2012+A1:2015	
CE CERTIFICATE	1023-CPR-1207 P	
APPLICATION	The boards are used directly beneath membrane roofing, in both single-layer and multi-layer insulation systems	
TECHNICAL PARAMETERS	Declared thermal conductivity coefficient	λ_D = 0,039 W/m·K
	Compressive force under a point load resulting in 5 mm deformation	PL(5) ≥ 1000 N
	Compressive stress at 10% relative deformation for the board	CS(10) ≥ 70 kPa
	Compressive stress at 10% relative deformation for the board's top layer	CS(10) ≥ 100 kPa
	Tensile strength under force applied perpendicular to the surface	TR ≥ 10 kPa
	Long-term water absorption	WL(P) ≤ 3 kg/m²
	Short-term water absorption	WS ≤ 1 kg/m²
	Reaction to fire classification	A1 product
	Characteristic self-weight load	1,93-1,58 kN/m³





lenght	width	thickness	thermal resistance R_D	boards per pallet	m² per pallet
[mm]	[mm]	[mm]	[m²·K/W]	[pcs.]	[m²]
2020	1220	50	1,25	24	59,145
2020	1220	60	1,50	20	49,288
2020	1220	80	2,05	15	36,966
2020	1220	100	2,55	12	29,572
2020	1220	120	3,05	10	24,644
2020	1220	130	3,30	9	22,179
2020	1220	150	3,80	8	19,715
2020	1220	160	4,10	7	17,250

The product in the 2020×1200 mm format is supplied exclusively on a stone wool pallet. Pallet dimensions: 2020 mm × 1220 mm × max. 1320 mm.

ROCKWOOL®

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