

TECHNICAL CARD

ROOF 70 **$\lambda_{0,0}$ 38****Thermal insulation slabs of mineral wool**

Field of application of rock wool slabs **ROOF 70**. One-layer insulation of combined roofs: bituminous-polymeric (roll), mastic, membranous, implemented on sectional or monolithic ferroconcrete slab roofs, including implementation without arrangement of sand-cement blinding coats on slabs.

INTENDED USE: **Thermal insulation products for buildings**

HARMONIZED STANDARD **EN 13162:2012+A1:2015**

UNIQUE IDENTIFICATION CODE OF THE PRODUCT - TYPE **ROOF 70**

CERTIFICATE OF CONSTANCY OF PERFORMANCE CE **1020 - CPR - 010022606**

DEKLARATION OF PERFORMANCE (DoP) **nr 0016-DoP-2019/06/17**

THERMAL RESISTANCE AND THERMAL CONDUCTIVITY **$\lambda = 0,038 \text{ W/mK}$**

REACTION TO FIRE **A1**

Compressive strength **$\geq 70 \text{ kPa}$**

Tensile strength perpendicular to faces TR **$\geq 15 \text{ kPa}$**

Water vapour transmission **MU1**

Short term water absorption **≤ 1**

PARAMETERS		PACKAGING				
Thickness	Thermal resistance R_D	Pack		Pallet		
[mm]	$\text{m}^2\text{K/W}$	m^2	m^3	packs	m^2	m^3
40*	1,05	3,60	0,144	52	187,20	7,488
50*	1,30	2,88	0,144	52	149,76	7,488
60*	1,55	2,88	0,173	44	126,72	7,603
70*	1,80	2,16	0,151	48	103,68	7,258
80*	2,10	2,16	0,173	44	95,04	7,603
90*	2,35	1,44	0,130	56	80,64	7,258
100	2,60	1,44	0,144	52	74,88	7,488
110*	2,85	1,44	0,158	48	69,12	7,603
120*	3,15	1,44	0,173	44	63,36	7,603
130*	3,40	0,72	0,094	80	57,60	7,488
140*	3,65	0,72	0,101	76	54,72	7,661
150*	3,95	0,72	0,108	68	48,96	7,344

***Board size:** width **1200** / length **600** mm

Possibility to order boards in dimension of 1200 / 2000 mm

Pallet dimensions: width 1200 / length 2400

PACKING and STORAGE Insulating slabs are packed on the pallets. The slabs have to be transported in covered vehicles under conditions preventing their wetting or other degradation. They should be stored flat in sheltered space to maximum layer height of 2,80m.