

TECHNICAL CARD

ROOF 70 Basis **$\lambda_{0,0}$ 37****Thermal insulation slabs of mineral wool**

Field of application of rock wool slabs **ROOF 70 Basis**. 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 Basis**

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

DEKLARATION OF PERFORMANCE (DoP) **nr 0022-DoP-2021/11/23**

THERMAL RESISTANCE AND THERMAL CONDUCTIVITY $\lambda = 0,037 \text{ W/mK}$

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
30*	-	5,76	0,173	44	253,44	7,603
40*	-	3,60	0,144	52	187,20	7,488
50*	-	3,60	0,180	40	144,00	7,200
60*	-	2,88	0,173	44	126,72	7,603
70*	-	2,88	0,202	36	103,68	7,258
80*	2,10	2,16	0,173	44	95,04	7,603
90*	2,35	2,16	0,194	36	77,76	6,998
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
160*	4,20	0,72	0,115	64	46,08	7,373

***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.