

TECHNICAL CARD

ROOF 50 **$\lambda_{0,0}$ 36****Thermal insulation slabs of mineral wool**

Field of application of rock wool slabs **ROOF 50**. 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 50**

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

DEKLARATION OF PERFORMANCE (DoP) **nr 0023-DoP-2020/03/11**

THERMAL RESISTANCE AND THERMAL CONDUCTIVITY **$\lambda = 0,036 \text{ W/mK}$**

REACTION TO FIRE **A1**

Compressive strength **$\geq 50 \text{ kPa}$**

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	slabs	m^2	m^3
80*	2,20	2,40	0,192	16	38,40	3,072
90*	2,50	2,40	0,216	14	33,60	3,024
100	2,75	2,40	0,240	12	28,80	2,880
110*	3,05	2,40	0,264	11	26,40	2,904
120*	3,30	2,40	0,288	10	24,00	2,880
130*	3,60	2,40	0,312	9	21,60	2,808
140*	3,85	2,40	0,336	9	21,60	3,024
150	4,15	2,40	0,360	8	19,20	2,880
160*	4,40	2,40	0,384	8	19,20	3,072

***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.