

**Product name**

Stone wool slabs ROOF BATTS

**Product description**

ROOF BATTS – highly rigid water repellence thermal insulation slabs produced from basalt mineral wool

**Application**

Designed as a sound and thermal insulation layer for roof structures, including roofs without cement layer

**Size (mm)**

Length	Width	Thickness
2000/1200/1000	1200/1000/600	50-170

**Density**

Average density 160 kg/m<sup>3</sup>

**Water repellence**

Water absorption is not more than 1,5 % by volume

**Fire resistance**

Stone wool slab ROOF BATTS is non-combustible material, fire dangers rating – KM0. Melting point of fibers is above 1000°C

**Vapor diffusion**

Not less than  $\mu=0,31$  mg/(m·h·Pa)

**Thermal conductivity**

Thermal conductivity in dry condition,  $\lambda$  W/(m·K), not more than

$\lambda_{10}=0,038$

$\lambda_{25}=0,040$

Design values, W/(m·K), not more than

$\lambda_A=0,042$

$\lambda_B=0,043$

**Packing**

Stone wool slabs ROOF BATTS are supplied on pans or in polyethylene film

**Mechanical properties**

Compression strength at 10% deformation is not less than 60 kPa

Point load not less than 500 H

Delamination strength is not less than 12 kPa

**Fastening**

ROOF BATTS stone wool slabs are to be fastened to surface mechanically