

Product name

Stone wool slabs ROOF BATTS H

Product description

Stone wool slabs ROOF BATTS H are highly rigid water-repellent heat-insulated slabs made of basalt mineral wool

Application

Applied as a bottom sound and thermal insulation layer for multilayer roof structures, including roofs without cement layer

Size (mm)

Length	Width	Thickness
2000/1200/1000	1200/1000/600	40-200

Density

Average density 115 kg/m³

Water repellence

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

Fire resistance

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

Vapor diffusion

Not less than $\mu=0,32$ mg/(m·h·Pa)

Thermal conductivity

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

$\lambda_{10}=0,037$

$\lambda_{25}=0,039$

Design values, W/(m·K), not more than

$\lambda_A=0,041$

$\lambda_B=0,042$

Packing

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

Mechanical properties

Compression strength at 10% deformation is not less than 35 kPa

Delamination strength is 7,5 kPa

Slab fastening

Stone wool slabs ROOF BATTS H are to be fastened to surface mechanically as a set with ROOF BATTS B.

Roof thermal container may be fastened by glue. Gluing strength must not be lower than tearing strength of thermal insulation material layers