

Product name

Stone wool slabs FLOOR BATTS I

Product description

FLOOR BATTS I – rigid water-repellent thermal insulation slabs produced from basalt mineral wool

Application

FLOOR BATTS I slabs enable a thermal insulation of floor at the ground level and help on with acoustical floating floors. FLOOR BATTS I are designed for floors with proof load over 3 kPa

Size (mm)

Length Width Thickness

1000 600 50-150

Density

Average density 150 kg/m³

Packing

Stone wool slabs FLOOR BATTS I are packed into polyethylene film

Water repellence

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

Fire resistance

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

Vapor diffusion

Not less than $\mu=0,30$ mg/(m·h·Pa)

Thermal conductivity

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

$\lambda_{10}=0,037$

$\lambda_{25}=0,040$

Design values, W/(m·K), not more than

$\lambda_A=0,042$

$\lambda_B=0,043$

Mechanical properties

Compression strength at 10% deformation is not less than 50 kPa