

Product name

Stone wool slabs SANDWICH BATTS K

Product description

SANDWICH BATTS C are highly rigid water-repellent heat-insulated slabs made of basalt mineral wool

Application

Stone wool slabs SANDWICH BATTS K slabs are applied as a middle thermal insulation layer for sandwich panels with metal sheets applied for roofing

Size (mm)

Length	Width	Thickness
1200	627, 800, 1000, 1200	102, 105, 122, 152
2400	1200	102, 105, 122

Water repellence

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

Fire resistance

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

Thermal conductivity

Thermal conductivity in dry condition, λ W/(m·K), not more than (ГОСТ 7076)

$\lambda_{10}=0,035$

$\lambda_{25}=0,038$

Design values, W/(m·K), not more than

$\lambda_A=0,046$

$\lambda_B=0,048$

Vapor diffusion

Not less than $\mu=0,31$ mg/(m·h·Pa)

Packing

Stone wool slabs SANDWICH BATTS K are supplied on pans

Density

Average density 140, 155 kg/m³

Mechanical properties

Compression strength at 10% deformation - 100 kPa

Tensile strength - 100 kPa

Shearing strength - 75 kPa