

Product name

Stone wool slabs BETON ELEMENT BATTS

Product description

BETON ELEMENT BATTS are rigid water repellence thermal insulation slabs produced from basalt mineral wool

Application

Stone wool slabs BETON ELEMENT BATTS are applied as a middle thermal insulation layer in concrete and reinforced concrete sandwich panels

Size (mm)

Length Width Thickness

1000 600 50-180

Water repellence

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

Fire resistance

Stone wool slab BETON ELEMENT BATTS 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

$\lambda_{10}=0,035$

$\lambda_{25}=0,037$

Design values

$\lambda_A=0,039$

$\lambda_B=0,041$

Vapour diffusion

Not less than $\mu=0,30$ mg/(m·h·Pa)

Density

Average density 90 kg/m³

Packing

Stone wool slabs BETON ELEMENT BATTS are packed in polyethylene film

Mechanical properties

Compression strength at 10 % deformation is not less than 20 kPa