

Product name

Stone wool slabs VENTI BATTS

Product description

VENTI BATTS – rigid water repellent thermal insulation slabs produced from basalt mineral wool

Application

Stone wool slabs VENTI BATTS are used as thermal insulation layer on external facades for ventilated facade systems

Size (mm)

Length	Width	Thickness
1200/1000	1000/600	50-180

Water repellence

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

Fire resistance

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

Density

Average density 90 kg/m³

Packing

Stone wool slab VENTI BATTS are packed into polyethylene film

Vapor diffusion

Not less than $\mu=0,30 \text{ mg}/(\text{m}\cdot\text{h}\cdot\text{Pa})$

Thermal conductivity

Thermal conductivity in dry condition , $\lambda \text{ W}/(\text{m}\cdot\text{K})$, not more than

$\lambda_{10}=0,035$

$\lambda_{25}=0,037$

Design values

$\lambda_A=0,039$

$\lambda_B=0,041$

Mechanical properties

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

Delamination strength is not less than 4 kPa