

FACADE BATTS®**Product name**

Stone wool slabs FACADE BATTS

Product description

FACADE BATTS – rigid and dense slabs. The slabs are made of basalt mineral wool

Application

FACADE BATTS slabs are used as thermal insulation layer on external facades. The product not only provides thermal insulation but also acts as a sub-base for plaster layer

Size (mm)

Length	Width	Thickness
1200/1000	500/600	30-180

Water repellence

Water absorption is not more than 1% by volume.

Fire resistance

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

Density

Average density 145 kg/m³

Packing

Stone wool slabs FACADE BATTS are packed into polyethylene film

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

$\lambda_{10}=0,037$

$\lambda_{25}=0,039$

Design values, W/(m·K), not more than

$\lambda_A=0,041$

$\lambda_B=0,042$

Mechanical properties

Compression strength at 10% deformation is no less than 45 kPa

Delamination strength is not less than 15 kPa

Fastening

Mechanical fastening is provided by special studs. Number of studs should be calculated by a developer of the facade system.