

**Product name**

Stone wool slabs CAVITY BATTS

**Product description**

CAVITY BATTS – semi-rigid water repellence thermal insulation slabs produced from basalt mineral wool

**Application**

CAVITY BATTS slabs are applied as a middle thermal insulation layer for three-layer exterior wall structures made of small-part materials

**Size (mm)**

Length Width Thickness

1000 600 50-200

**Density**

Average density 45 kg/m<sup>3</sup>

**Water repellence**

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

**Fire resistance**

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

**Packing**

CAVITY BATTS stone wool slabs are packed into polyethylene film

**Vapor diffusion**

Not less than  $\mu=0,35$  mg/(m·h·Pa)

**Thermal conductivity**

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

$\lambda_{10}=0,034$

$\lambda_{25}=0,036$

Design values, W/(m·K), not more than

$\lambda_A=0,038$

$\lambda_B=0,040$

**Mechanical properties**

Compressibility is not more than 15 %