

Product name

Stone wool slabs VENTI BATTS D

Product description

VENTI BATTS D – rigid water-repellent slabs made of basalt mineral wool. Slabs have a combined structure and consist of rigid upper (external) and lighter lower (internal) layer. Thanks to this slabs have reduced weight and are easy to install

The upper (rigid) layer is marked

Application

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

Slabs VENTI BATTS D are used for single-layer thermal insulation. As distinguished from double-layer solution there is no need to fasten slab lower layer which results in reduced number of fasteners, installation time and lower cost of the system. Thanks to strong upper layer, exceeding 90 kg/m³, slab VENTI BATTS D may be installed without additional windproof film

Size, mm

Length Width Thickness

1000 600 80-200

Thickness of upper (dense) layer - 30 mm

Density

Upper layer 90 kg/m³

Lower layer 45 kg/m³

Average density 52-62 kg/m³ (depends on slab Thickness)

Fire resistance

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

Thermal conductivity

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

$\lambda_{10}=0,035$

$\lambda_{25}=0,037$

Design values, W/(m·K), not more than

$\lambda_A=0,039$

$\lambda_B=0,041$

Water repellence

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

Mechanical properties

Delamination strength is not less than 4 kPa

Packing

VENTI BATTS D slabs are packed into polyethylene film.

Fastening

Mechanical fastening is provided by special dish-shaped studs. Studs should dig into the base for not less than 30 mm. Number of studs should be calculated by a developer of the facade structure