

**Product name**

Stone wool slabs FACADE BATTS D

**Product description**

FACADE 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**

FACADE BATTS D slabs are applied as a thermal insulation layer in external facade systems. The slabs not only provide thermal insulation but also act as a sub-base for plaster layer rendering.

Double density concept permits to improve facing structure thermal insulation properties, reduce reinforcing plaster consumption and installation time.

**Size, mm**

Length    Width    Thickness

1200/1000 500/600 70-200

Thickness of upper (dense) layer - 25 mm

**Density**

Upper layer 180 kg/m<sup>3</sup>

Lower layer 94 kg/m<sup>3</sup>

Average density 105-125 kg/m<sup>3</sup>

Average density depends on slab thickness.

**Fire resistance**

Stone wool slab FACADE 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 % by volume

**Mechanical properties**

Delamination strength is not less than 15 kPa

**Packing**

FACADE BATTS D slabs are packed into polyethylene film

**Fastening**

FACADE BATTS D™ slabs are installed with help of special glue composition. Mechanical fastening is allowed by means of special studs with washers. Number of studs should be calculated by a developer of the facade structure