

Product name

Stone wool slabs CONLIT

The following types

CONLIT 150 with glass fiber fabric mesh on one side

CONLIT 150 P - without cover

Application

CONLIT stone wool slabs are used as fire curtain for steel structures. CONLIT is secured to steel structures by CONLIT glue

Packing

Stone wool slabs CONLIT are supplied on pans or in polyethylene film

Size (mm)

2000 x 1200 x 20, 25, 30, 40, 50, 65

1000 x 600 x 20, 25, 30, 35, 40-100

Density

Average density 150 kg/m³

Water repellence

Water absorption is not more than 1 % by volume.

Fire resistance

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

Thermal conductivity

$\lambda_{10}=0,033 \text{ W}/(\text{m}\cdot\text{K})$

CONLIT Glue

CONLIT Glue - special glue used for CONLIT fire protection installation. Composition: modified silicate glue. Inorganic and therefore noninflammable.

Installation

CONLIT device is attached to steel beam by glue. The joints are completely treated with CONLIT Glue, which is silicate glue. It should not be used as filler. Gluing can be done by two different methods:

Edge joint

The material is manually cut for edge joint. Used for labor cost minimizing.

V-shape joint

Preliminary manufacture of V-shape joint requires substantial labor cost. CONLIT material with glass fiber fabric is needed for this type joint.

