

**Product name**

Stone wool mats WIRED MAT 105

**Product description**

WIRED MAT 105 is made of Rockwool stone wool. One side of mat is covered with 25 mm mesh made of galvanized wire. The mesh is also stitched with galvanized wire. Alu-foil might be covered from one side of the product.

**Application**

WIRED MAT 105 is used for isolate high temperatures equipment and pipelines.

**Size (mm)**

7000 x 1000 x 30  
5000 x 1000 x 40  
4000 x 1000 x 50  
3000 x 1000 x 60/70  
2500 x 1000 x 80  
2000 x 1000 x 100

**Density**

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

**Maximal allowed temperature**

Up to +750°C

**Fire resistance**

Non-covered mats is non-combustible material, fire dangers rating – KM0. Melting point of fibers is above 1000°C

Mats with cover – KM1

**Thermal conductivity**

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

$\lambda_{10}=0,032$

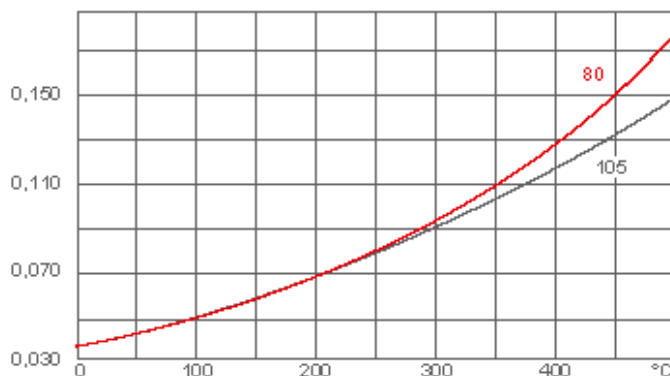
$\lambda_{25}=0,035$

$\lambda_{125}=0,046$

$\lambda_{300}=0,079$

Thermal conductivity

W/m °C

**Water absorption**

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

**Chemical activity**

Rockwool mineral wool is chemically inert material and may be used in combination with all type materials applied in construction and industrial thermal insulation systems