

## WIRED MAT 80®

### Product name

Stone wool mats WIRED MAT 80

### Product description

WIRED MAT 80 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 80 is used for isolate high temperatures equipment and pipelines. It is also used as fire protection of air ducts.

### Size (mm)

5000 x 1000 x 40

4000 x 1000 x 50

3000 x 1000 x 60

2500 x 1000 x 70

2000 x 1000 x 80/90/100

### Density

Average density 80 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

$\lambda_{10}=0,032$

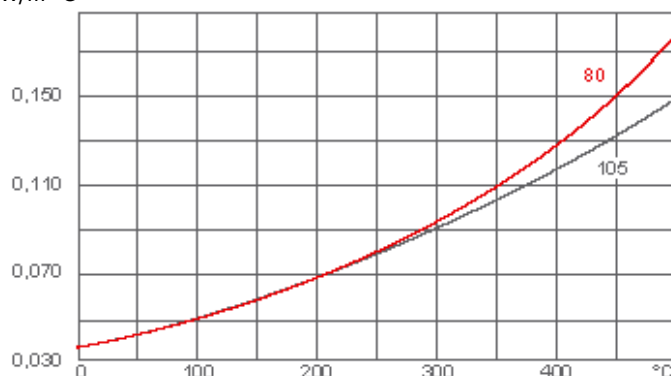
$\lambda_{25}=0,035$

$\lambda_{125}=0,047$

$\lambda_{300}=0,086$

### Thermal conductivity

W/m °C



### Water absorption

Water absorption is not more than 1 % 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