

Product name

Stone wool slabs TECH BATTS

Product description

TECH BATTS - rigid thermal insulation slabs produced from basalt mineral wool. Slabs are available in various marks depending on the density: 50, 75, 100, 125, 150. Alu-foil might be covered from one side of the product

Application

Stone wool slabs TECH BATTS are for thermal insulation of flat surfaces, fireplaces, furnaces, equipment, ducts and flues.

Size (mm)

1000 x 600 x 50-170

Density

Mark	Average density, kg/m ³
50	40
75	60
100	90
125	110
150	140

Application temperature

Mark	Temperature, °C
50	-180...+450
75	-180...+550
100	-180...+665
125	-180...+700
150	-180...+750

Fire resistance

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

Slabs with cover – KM1

Thermal conductivity

Mark	Thermal conductivity, λ W/(m·K)		
	λ_{10}	λ_{25}	λ_{125}
50	0,034	0,036	0,055
75	0,033	0,035	0,053
100	0,033	0,036	0,051
125	0,034	0,036	0,050
150	0,035	0,037	0,051

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