



ISOLFlakes



**chemical
products**
insulation solutions

• Description

Mineral stone wool granule made of mineral fibers. It is used for thermal and acoustic insulation of gaps with irregular shape by blasting with specialized machines.

Non-flammable material, open structure of fine fibers. Chemical neutral product with no corrosive effect on metals. Perfect sound- and thermal insulation. Resistant to humidity, mold, microorganisms, rodents, etc.

• Packing

Granulates stone wool is packed in PE bags, 20 kg per bag , 21 bags/euro pallet, 32 euro pallets/truck , 13440 kg/truck.

Essential characteristics	Performance	Harmonised Technical specification
		EN 14064-1
		Test Methods
Density	80 kg/m ³	EN 1602
Thermal conductivity at		
- 10°C	0,0305 W/m.K	EN 12667
- 250°C	0,065 W/m.K	EN ISO 8497
Thermal resistance at		
- 10°C	1,64 W/m ² .K	EN 12667
- 250°C	0,77 W/m ² .K	EN ISO 8497
Water absorption – 48 h, partial immersion	0,18 kg/m ²	EN 1609 ≤ 1,0 kg/m ²
Organic content	0,44 %	EN 13820
Settlement	< 1%	EN 14064-1
Water vapour diffusion - μ:	4,5	EN 12086 ≥ 1
Reaction to fire	A1	EN 13501-1