



**ISO** **Flakes**

BS EN ISO 9001:2008  
BS EN ISO 14001:2004  
BS OHSAS 18001:2007



**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
Density	80 kg/m <sup>3</sup>	EN 14064-1 : 2010 EN 1602:2013
Thermal conductivity at - 10°C - 250°C	0,0305 W/m.K 0,065 W/m.K	EN 12667:2004 EN ISO 8497:2004
Thermal resistance at - 10°C - 250°C	1,64 W/m <sup>2</sup> .K 0,77 W/m <sup>2</sup> .K	EN 12667:2004 EN ISO 8497:2004
Water absorption – 48 h, partial immersion	0,18 kg/m <sup>2</sup>	EN 1609:2013 ≤ 1,0 kg/m <sup>2</sup>
Organic content	0,44 %	EN 13820:2004
Settlement	< 1%	EN 14064-1 : 2010
Water vapour diffusion - μ:	4,5	EN 12086:2013 ≥ 1
Reaction to fire	A1	EN 13501-1:2007+ A1:2009