

Woodwool Technical Data

Ionic Woodwool is a building board suitable for carrying lime or clay renders and plasters. It is made from mineralised fir wood, giving a board that is breathable, rot resistant and durable. For detailed guidance on application, please contact Ecomerchant. General guidelines for application include;

- Fix boards in a staggered pattern.
- Do not run boards in line with the top of window / door openings.
- Check batten spacing / board thickness is sufficient to prevent flexing.
- Scrims joints, or apply glass fibre reinforcement mesh throughout the undercoat.
- Damp boards and control suction before application of plaster / render.
- Do not allow the boards to become saturated before application of render / plaster.

		15mm	25mm
Average weight	kg/m ²	8	11.5
Thermal resistance at 10 °C	m ² K/W	0.2	0.35
Average resistance to flexion (*)	N/mm ²	3.51	3.15
Average resistance to compression by pressing 10%	N/mm ²	0.2	0.2
Reaction to fire	class	B1	B1
Resistance to vapour	μ	4 to 6	4 to 6
Resistance to water and frost	20 cycles frost/defrost	no alteration	no alteration
Temperature limit for use	°C	200	200
Capacity of absorption of room humidity	lt/m ²	2 to 3.5	2 to 3.5
Specific heat	kJ/kgK	2.1	2.1
Capacity for thermal accumulation	kJ/m ³ K	1119 to 726	1119 to 726
Linear dilatation thermal coefficient	mm/mK	0.01	0.01
Resistance to traction perpendicular to the face	N/mm ²	0.05	0.05
Resistance to cutting	N/mm ²	0.28	0.28
Adhesion to concrete	N/mm ²	0.05	0.05
Resistance to mould and fungus attack		Inhibition	Inhibition