

Warmshell Aerogel Insulation Board

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Warmshell Aerogel Insulation Boards are made from aerogel, the warmest insulation available. The boards are Class A for fire and vapour open, so they are ideally suited to retrofit insulation where there is limited depth.

Description

Warmshell Aerogel Insulation Boards are extremely high performance – a 10mm thick board could half your heat losses through a solid wall. The boards come as a rigid slab which are fixed and primed using our adhesive making them ready to plaster. Especially useful for reveals, window heads and areas of limited depth.

Colour

White

Dimensions

10mm thick x 750mm x 1450mm: 10 per pack (9.8m²)

Performance

Thermal Conductivity λ (90/90)	0.016	W/mK
Thermal Conductivity λ	0.015	W/mK
Water Vapour Permeability μ	≤ 8	
Water absorption	0.33	Kg/m ²
Reaction to Fire	A2-s1-d0	Euroclass
Tensile Strength	≥ 15	MPa

Packaging

Rigid packs, plastic wrapped. Up to 30 packs per pallet.

Storage

Store dry and protect from damage. Do not stack or crush.

Coverage

1 pack covers 9.8m²

Preparation

Ensure backgrounds are free from dust or oils, are flat and even, and are not saturated before application.

Product Data

Handling

Wear PPE including gloves goggles and respiratory protection. Cut the insulation with a sharp knife or snips. Apply tightly butted without gaps on the cold side or between the insulation itself. See the Safety Data Sheet for more information.

Application

For detailed information see the system application information.

Disposal

Non-hazardous waste.

Disclaimer

Information is based on our latest knowledge and testing under controlled conditions. Variations on site due to different materials, building methods and designs, weather etc. may affect the outcome.

