

WETHERBY Wall Systems

Part of ROCKWOOL Group

INTERIA

INTERNAL WALL INSULATION SYSTEM

A-Rated and Moisture-Open.
InteriA Engineered from Within...



Introduction

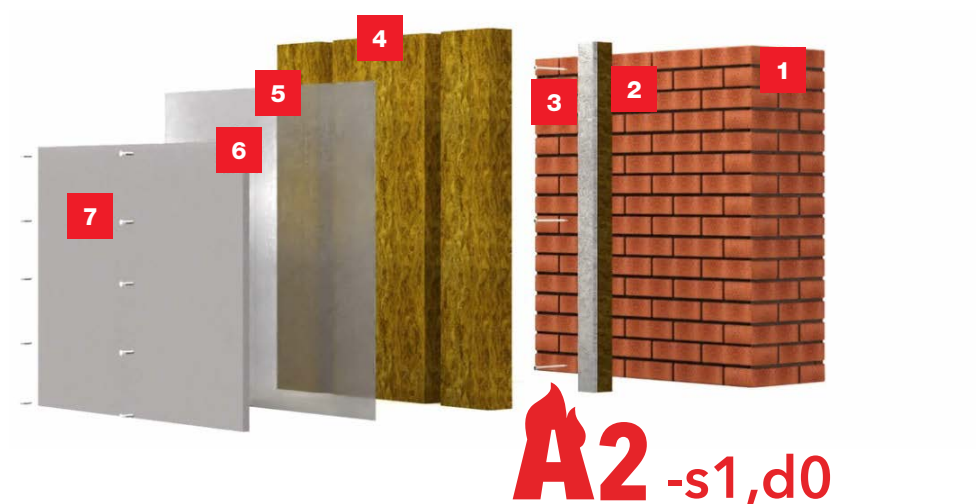
Wetherby Wall Systems' InteriA Internal Wall Insulation (IWI) system offers a high-performance retrofit solution for improving thermal efficiency without external modifications. Designed for solid wall properties and suitable for projects restricted by space, planning, heritage, or site access, it reduces heat loss, lowers carbon emissions, and boosts occupant comfort while maintaining building character.

Now part of the Rockwool Group, Wetherby Wall Systems blends expertise with Rockwool's global stone wool innovation, delivering energy-efficient, non-combustible, moisture-managing systems that comply with safety standards.





InteriA System Build-Up



The diagram above illustrates the typical build-up of the InteriA Internal Wall Insulation system, showing each component working together to deliver outstanding thermal, acoustic, and fire performance.

- 1 Existing Masonry Substrate** – Provides the base structure for the IWI system.
- 2 InteriA IWI Stud - High-Density Stone Wool with A1 Fibre Cement Board** – Ensures structural integrity, robustness, and fire resistance.
- 3 InteriA IWI Stud Stainless Steel Mechanical Fixings** – Secure the stud and maintain stability.
- 4 InteriA IWI Infill Slab** – A1 non-combustible insulation for exceptional thermal and acoustic performance.
- 5 InteriA IWI Breather Membrane** – Allows the wall to breathe, while controlling moisture and preventing condensation issues.
- 6 12.5mm Plasterboard** – Creates a clean, smooth internal surface finish.
- 7 InteriA IWI Plasterboard Fixings** – Collated self-drilling fixings for a quick and easy install.

This layered design offers a space-efficient, breathable, and compliant solution that enhances energy performance while safeguarding both occupants and the building's fabric.



Why Internal Wall Insulation?

Internal Wall Insulation is a cost-effective method to reduce heat loss in properties where external insulation is not an option.

- 🏠 Solid wall buildings
- 🏠 Heritage and listed properties
- 🏠 Flats and mid-terrace dwellings
- 🏠 Private and social housing refurbishments



Powered by Rockwool

Built on Local Expertise. Powered by Global Strength.

By integrating Rockwool's A1 non-combustible stone wool technology, InteriA delivers more than energy savings — it ensures fire safety, sustainability, and occupant wellbeing.

- **Fire Safety** – Non-combustible stone wool insulation withstands temperatures above 1000°C.
- **Health & Wellbeing** – Breathable, moisture-managed systems protect both the building and its occupants.
- **Compliance** – Meets Building Regulation and PAS 2035 compliance.



System Benefits

- Outstanding Thermal Performance – Achieves and exceeds Building Regulations
- Cost-Effective
- Acoustic Performance – Stone Wool limits the transfer of sound & vibration
- Moisture Control – Breathable & moisture-open
- Full Warranty & Technical Support – Backed by Rockwool Group expertise

Technical Data

Specification	Value
System Fire Classification	A2-s1,d0
InteriA IWI Infill Slab	A1 (non-combustible)
InteriA IWI Infill Slab Thermal Conductivity	0.034 W/(m·K)
InteriA IWI Stud Insulation Thermal Conductivity	0.039 W/(m·K)

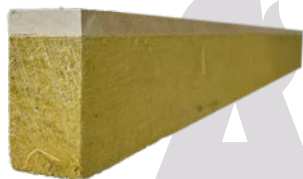


Sustainable & Safe by Design

Aligned with Rockwool's commitment to circularity and carbon reduction, InteriA is a retrofit-ready solution that supports decarbonisation programmes and energy efficiency schemes while enhancing resident comfort



InteriA Products



InteriA IWI Stud



InteriA IWI Stud Stainless Steel Mechanical Fixings



InteriA IWI Infill Slab



InteriA Breather Membrane



InteriA A1 Reveal Board



InteriA IWI Collated Self-Drilling Plasterboard Fixings



Approved 12.5mm Plasterboard

WETHERBY Wall Systems

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