THE BOARD • THE PANEL SYSTEM • THE FINISHED HOME

From building boards to finished homes.

SulfRock magnesium sulphate boards | IPS insulated panels

HomePod modular accommodation



Tested 12 mm SulfRock boards — A1 reaction-to-fire classification.

Intertek reference: 241217005SHF-001 | Report available through enquiry

THREE CONNECTED BUSINESSES

One connected approach

From the board to the panel system and the finished home.

01 SulfRock

Magnesium sulphate construction boards for specified wall, floor and finishing applications.

02 Intelligent Panel Systems

SulfRock facing boards combined with Plixxent PU insulation to form an insulated panel system.

03 HomePod

Modular accommodation designed for transitional housing and other project-specific residential needs.

A coordinated specification

Product selection, panel junctions, finishes, approvals and installation requirements are established for each project and intended use.

SULFROCK

A1 fire-classified board

Magnesium sulphate boards for building applications.



Specify the board for its application

Standard formats: 1200 × 2400 mm, 1200 × 2700 mm and 1200 × 3000 mm. Confirm thickness, edges and availability. Applications include sheathing, floor substrates and compatible interior or exterior finishes.

Evidence: Intertek 241217005SHF-001 and 241203010SHF-001.

Intertek report 241217005SHF-001 classifies the tested 12 mm Sulfycor board as A1.
Sulfycor authorises SulfRock Ltd to market its boards under the SulfRock name in Europe.
Source: Sulfycor Brand Name Authorization Letter, 28 September 2026.

IPS • THERMAL PERFORMANCE

Insulated panels for your build

12 mm SulfRock facings and Plixxent PU insulation.

Manufacturing build-up

Two 12 mm SulfRock facing boards enclose a Plixxent PU core.
The 150 mm core gives a 174 mm panel build-up.

Nominal panel	Insulation core	Calculated U-value
125 mm	100 mm	0.22 W/m²K
150 mm	125 mm	0.18 W/m²K
175 mm	150 mm	0.15 W/m²K

CALCULATED THERMAL PERFORMANCE

Calculated values: Plixxent A/S, 28 September 2026. Two 12 mm facings and 100, 125 or 150 mm cores give layer totals of 124, 149 and 174 mm. Calculation inputs: board conductivity 0.159 W/(m K), insulation 0.024 W/(m K), surface resistances 0.13 and 0.04 m²K/W. These are panel-path values; project calculations include junctions, fixings and the complete wall build-up.

IPS • CONSTRUCTION PHOTOGRAPHS

Panels being erected

Photographs from an IPS construction project.







Construction-stage bracing

Follow the approved project drawings, temporary works and installation method.

IPS • CONSTRUCTION PHOTOGRAPHS

The structure taking shape

Openings, floors and panel erection.













IPS • JUNCTION DESIGN

Boards, panels and junctions

Key panel dimensions and junction components.

Timber spline section

147 × 45 mm TR26 per spline; one at each meeting panel edge.

Joint assembly

Join the two timber splines before sliding the second panel into place.

Panel-edge joint

2 mm

Sole plates

47 × 147 mm TR26

Headers, closures, corners, ends and openings

35 × 147 mm TR26; SulfRock top-hat detail

TERRIX • FINISHING OPTIONS

From structure to finish

Finishes selected for the specified substrate and use.

External brick-slip finish

Terrix BS-BR quartz brick slips and AD-BR adhesive mortar provide a brick-effect finishing option.

External render finish

Terrix external finishing products include RN-LF 8 levelling and joint render, AD-AB base coat, primers and decorative renders.

Internal finishes

Internal finishing options include RN-LF 5 joint treatment, PL-SX finishing plaster and compatible internal paint systems.

TERRIX • EXTERNAL SYSTEMS

External finishing options

Terrix products for joint treatment, render and brick-slip finishes.

01 Substrate and joints

RN-LF 8 is an external levelling and joint-treatment product. IPS panel details include SulfRock facings and a 2 mm panel-edge joint.

02 Base coat and render

AD-AB base coat forms part of the Terrix range for carrier-board applications, alongside reinforcement, primers and decorative renders.

03 Brick slips and adhesive

BS-BR quartz brick slips offer a brick-effect finish, with AD-BR mortar adhesive in the Terrix product range.

TERRIX • INTERNAL SYSTEMS

Internal finishing options

Joint treatments, finishing plaster and decorative paint.

PL-SX | finishing plaster

Ready-to-use finishing plaster for interior surfaces.

IP-ST-P | internal paint

Vapour-permeable polymer-silicate paint for interior decoration.

RN-LF 5 | internal joints

Internal joint and levelling product for surface preparation.

HOMEPOD

A place to call home

Modular accommodation designed around people and project needs.



HomePod offers modular accommodation for transitional housing and other residential briefs. Layout, accessibility, kitchens, bathrooms and services are developed for intended residents and use.

The structure can use IPS panels with SulfRock boards and Plixxent PU insulation. Final roof, foundations, approvals and services remain project-specific. Image: concept visual.

HOMEPOD • VILLAGE PATHWAY

A safe place to reset

A pathway towards independent accommodation.

01 Safe accommodation

A private space and individual support plan.

02 Stable address

Correspondence, banking and access to services.

03 Recovery and preparation

Wellbeing support, life skills and practical routines.

04 Training and work

Qualifications, practical training and employment links.

05 Independence

Supported progression to permanent accommodation.

HOMEPOD • VILLAGE PATHWAY

One village. One complete pathway.

A supported housing concept for local delivery partners.



Approximately 8–10 residential pods on suitable land, subject to approvals, local commissioning and specialist support partnerships. Potential residents include people experiencing homelessness, women in refuge needing an initial safe haven, and former armed-forces personnel.

homepodltd.com/village-pathway

ENQUIRIES

Let us discuss your project

Boards, insulated panel systems and modular accommodation.

Share your brief • Develop the specification • Confirm delivery

SulfRock

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