James Hardie Building Products Ltd
7 The Priory
Old London Rd
Canwell
Sutton Coldfield B75 5SH
United Kingdom

Customer service: +44 (0) 121 311 3480
Technical service: +44 (0) 121 311 3480

e-mail: info@jameshardie.co.uk
website: www.jameshardie.co.uk

BBA APPROVAL INSPECTION TESTING CERTIFICATION
TECHNICAL APPROVALS FOR CONSTRUCTION

Agrément Certificate

23/7055
Product Sheet 1 Issue 1

FERMACELL BOARDS

FERMACELL POWERPANEL H_2O CEMENT-BASED BOARD FOR INTERNAL USE

This Agrément Certificate Product Sheet(1) relates to the Fermacell Powerpanel H_2O Cement-Based Board for Internal Use, a fibre-glass-reinforced cement board for use in ceilings, non-loadbearing partition walls and linings of loadbearing and non-loadbearing walls, including areas with high moisture conditions. The board is suitable as the internal lining to masonry, and timber or steel-framed walls, in domestic and non-domestic buildings.

(1) Hereinafter referred to as 'Certificate'.

The assessment includes

Product factors:
- compliance with Building Regulations
- compliance with additional regulatory or non-regulatory information where applicable
- evaluation against technical specifications
- assessment criteria and technical investigations
- uses and design considerations

Process factors:
- compliance with Scheme requirements
- installation, delivery, handling and storage
- production and quality controls
- maintenance and repair

Ongoing contractual Scheme elements†:
- regular assessment of production
- formal 3-yearly review

KEY FACTORS ASSESSED

Section 1. Mechanical resistance and stability
Section 2. Safety in case of fire
Section 3. Hygiene, health and the environment
Section 4. Safety and accessibility in use
Section 5. Protection against noise
Section 6. Energy economy and heat retention
Section 7. Sustainable use of natural resources
Section 8. Durability

The BBA has awarded this Certificate to the company named above for the product described herein. This product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of issue: 14 December 2023

Hardy Giesler
Chief Executive Officer

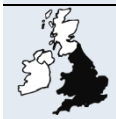
British Board of Agrément
1st Floor, Building 3, Hatters Lane
Croxley Park, Watford
Herts WD18 8YG
tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk

SUMMARY OF ASSESSMENT AND COMPLIANCE

This section provides a summary of the assessment conclusions; readers should refer to the later sections of this Certificate for information about the assessments carried out.

Compliance with Regulations

Having assessed the key factors, the opinion of the BBA is that Fermacell Powerpanel H_2O Cement-Based Board for Internal Use, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements of the following Building Regulations:



The Building Regulations 2010 (England and Wales) (as amended)

Requirement:	**A1**	**Loading**
Comment:		The product has sufficient strength and stiffness to sustain and transmit design loads to the primary structure without excessive deflection. See section 1 of this Certificate.
Requirement:	**B2**	**Internal fire spread (linings)**
Comment:		The product can satisfy this Requirement. See section 2 of this Certificate.
Requirement:	**C2(c)**	**Resistance to moisture**
Comment:		The product can be incorporated into a wall structure, suitably designed to prevent excessive interstitial and surface condensation. See section 3 of this Certificate.
Regulation:	**7(1)**	**Materials and workmanship**
Comment:		The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**7(2)**	**Materials and workmanship**
Comment:		The product is unrestricted by this Regulation. See section 2 of this Certificate.

The Building (Scotland) Regulations 2004 (as amended)

Regulation:	**8(1)**	**Fitness and durability of materials and workmanship**
Comment:		The use of the product satisfies the requirements of this Regulation. See sections 8 and 9 of this Certificate.
Regulation:	**9**	**Building standards – construction**
Standard:	2.5	Internal linings
Comment:		The board will satisfy this Standard, with reference to clause 2.5.1(1)(2). See section 2 of this Certificate.
Standard:	3.15	Condensation
Comment:		The board can contribute to satisfying this Standard, with reference to clauses 3.15.2(1), 3.15.4(1) and 3.15.5(1). See section 2 of this Certificate.
Standard:	7.1(a)(b)	Statement of sustainability
Comment:		The product can contribute to satisfying the relevant requirements of Regulation 9, Standards 1 to 6, and therefore will contribute to a construction meeting a bronze level of sustainability as defined in this Standard.
Regulation:	**12**	**Building standards – conversions**
Comment:		All comments given for this product under Regulation 9, Standards 1 to 6, also apply to this Regulation, with reference to clause 0.12.1(1)(2) and Schedule 6(1)(2).

(1) Technical Handbook (Domestic).
(2) Technical Handbook (Non-Domestic).

The Building Regulations (Northern Ireland) 2012 (as amended)

Regulation:	**23(1)(a)**	**Fitness of materials and workmanship**
Comment:	**(i)(iii)(b)**	The product is acceptable. See sections 8 and 9 of this Certificate.
Regulation:	**29**	**Condensation**
Comment:		The product can contribute to satisfying this Regulation. See section 3 of this Certificate.
Regulation:	**34**	**Internal fire spread — linings**
Comment:		The product can satisfy this Regulation. See section 2 of this Certificate.

Additional Information

NHBC Standards 2023

In the opinion of the BBA, Fermacell Powerpanel H_2O Cement-Based Board for Internal Use, if installed, used and maintained in accordance with this Certificate, can satisfy or contribute to satisfying the relevant requirements in relation to *NHBC Standards 2023*, Part 6 *Superstructure (excluding roofs)*, Chapters 6.3 *Internal walls,* 6.10 *Light steel framed walls and floors* and 9.2 *Wall and ceiling finishes.*

Fulfilment of Requirements

The BBA has judged Fermacell Powerpanel H_2O Cement-Based Board for Internal Use to be satisfactory for use as described in this Certificate. The product has been assessed as non-load bearing/non-structural sheathing boards for use or use in ceilings, non-loadbearing partition walls and linings of loadbearing and non-loadbearing walls, including areas with high moisture conditions. The board is suitable as the internal lining to masonry, and timber or steel-framed walls, in domestic and non-domestic buildings.

ASSESSMENT

Product description and intended use

The Certificate holder provided the following description for the product under assessment. Fermacell Powerpanel H_2O Cement-Based Board for Internal Use consists of:

- a cement-bonded core, reinforced on each face by an alkali-resistant 0.2 to 0.5 mm thick glass-fibre mesh (of 5 by 5 mm aperture size) embedded in the face layers. The product is light grey in colour with square edges and is marked on the front face with the product name and identification.

The product has the nominal characteristics given in Table 1.

Table 1 Nominal characteristics of Fermacell Powerpanel H_2O Cement-Based Board

Characteristic (unit)	Value
Length (mm)	1000, 2000, 2600 and 3000
Width (mm)	1200
Thickness (mm)	12.5
Approximate weight ($kg \cdot m^{-2}$)	13
Density ($kg \cdot m^{-3}$)	950 to 1050

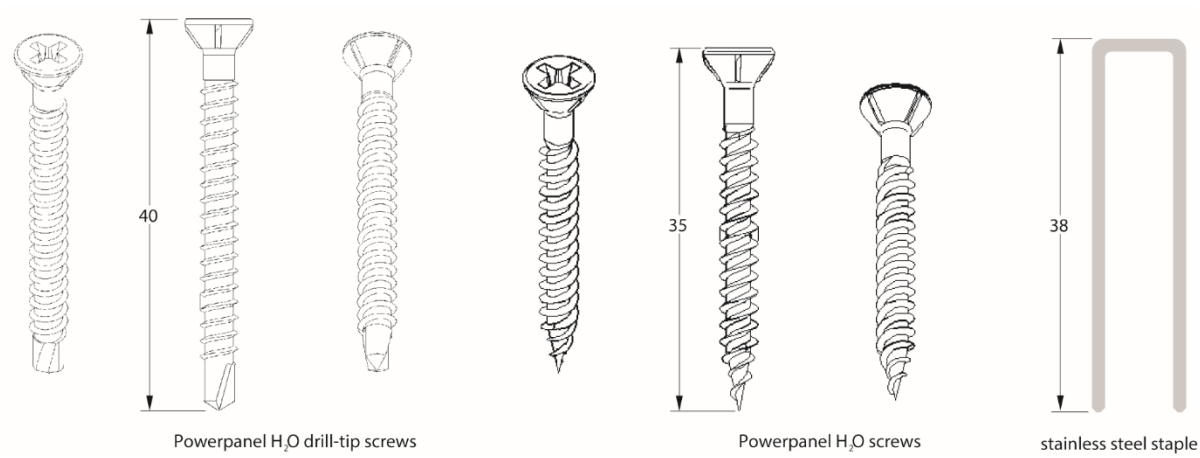
Ancillary Items

The following ancillary items are essential to use with the product and have been assessed with the product:

The fixing of the product depends on the substrate and must be in accordance with the Certificate holder's relevant specification. Fixings (see Figure 1) used with the product are:

- Powerpanel H_2O drill-tip screws — manufactured from stainless steel coated with 10µm of polymer zinc, 3.9 mm diameter by 40 mm length. A self-tapping screw for fixing the products to a supporting metal sub-frame (more than 0.7 mm gauge)
- Powerpanel H_2O screws — manufactured from stainless steel coated with 10µm of polymer zinc, 3.9 mm diameter by 35 mm length for fixing the product to a supporting timber sub-frame or light metal sub-frame (up to 0.7 mm gauge)
- stainless steel staples — minimum 38 mm long, 1.5 mm gauge and 10 mm head width for fixing the product to a supporting timber sub-frame.

Figure 1 Fixings



The Certificate holder recommends the following ancillary items for use with the product, but these materials have not been assessed by the BBA and are outside the scope of this Certificate:

- Fermacell Jointstik adhesive — polyurethane-based adhesive, cartridge applied, for butt-gluing the boards
- Fermacell Jointstik Greenline adhesive — polyurethane-based adhesive with non-hazardous ingredients, cartridge applied, for butt-gluing the boards
- Fermacell Powerpanel H2O surface finish — dry, ready-mixed plastic-reinforced cement-based compound for covering screw heads and joints, smoothing boards in readiness for tiling or paint finish
- primer sealer
- self-adhesive fibre tape
- liquid waterproofing
- masonry and timber or steel-framed wall substrates
- breather membrane.

The product can be installed as a lining on ceilings, non-loadbearing partition walls and loadbearing and non-loadbearing masonry, and timber or steel-framed walls, including areas with high moisture conditions (for example, wet rooms, showers and swimming pools) in domestic and non-domestic buildings.

Product assessment – key factors

The product was assessed for the following key factors, and the outcome of the assessments is shown below. Conclusions relating to the Building Regulations apply to the whole of the UK unless otherwise stated.

1 Mechanical resistance and stability

Data were assessed for the following characteristics.

1.1 Strength and stability

The product is resistant to damage from the normal impacts likely to occur in service. Results of robustness tests are given in Table 2.

Table 2 Robustness and strength test

Product assessed	Assessment method	Requirement	Result
Fermacell Powerpanel H_2O Cement-Based Board – partition system built with the product fixed at either side of a frame made of 0.6 mm thick C-section lightweight steel studs at 600 mm centres with Powerpanel H_2O drill-tip screws at 250 mm centres.	BS 5234-2 : 1992	BS 5234-2 : 1992, Annex A to Annex F	HD (heavy duty classification)

1.2 Bending strength and modulus of elasticity

1.2.1 Tests were carried out in accordance with DIN EN 310 1993-08.

1.2.2 The panels were tested crosswise to the plane of the panel, from both sides, in transverse directions and longitudinal directions. The test pieces were cut from the inspection lot of 29 different panels. Results of bending strength and modulus of elasticity tests are given in Table 3.

Table 3 Bending strength

Product assessed	Assessment method	Property	Result
Fermacell Powerpanel H_2O Cement-Based Board	EN 12467 : 2012	Bending Strength $f_{m,90}$ $N{\cdot}mm^{-2}$	6.0
		Modulus of elasticity $E_{m,mean}$ $N{\cdot}mm^{-2}$	4200

1.3 Fastener head pull-through tests

Pull-through tests were carried out in accordance with DIN EN 1383 :2000, the results of which are given in Table 4

Table 4 Pull through of fixings

Product assessed	Assessment method	Property	Result
Fermacell Powerpanel H_2O Cement-Based Board and Powerpanel H_2O screws	DIN EN 1383 : 2000	Pull through force (N)	500
Fermacell Powerpanel H_2O Cement-Based Board and stainless steel staples d = 1.5 mm	DIN EN 1383 : 2000	Pull through force (N)	350
Fermacell Powerpanel H_2O Cement-Based Board and stainless steel staples d = 1.8 mm	DIN EN 1383 : 2000	Pull through force (N)	350

2 Safety in case of fire

Data were assessed for the following characteristics.

2.1 Reaction to fire

2.1.1 The boards achieved the reaction to fire classification given in Table 5.

Table 5 Reaction to fire classification

Product assessed	Assessment method	Requirement	Result
Fermacell Powerpanel H_2O Cement-Based Board	BS EN 13501-1 : 2002	Value achieved	A1(1)

(1) The report No. 3459/9515-2 – Do/Ht (IBMB) is available from the Certificate holder on request.

2.1.2 On the basis of data assessed, the product is not subject to any restriction on building height or proximity to relevant boundaries by the documents supporting the national Building Regulations.

2.1.3 Designers must refer to the relevant national Building Regulations and guidance for detailed conditions of use, particularly in respect of requirements for fire resistance, cavity barriers, service penetrations and combustibility limitations for other materials and components used in the overall wall construction (for example, thermal insulation and cladding).

2.2 Resistance to fire

2.2.1 Constructions incorporating the boards achieved the resistance to fire classifications given in Table 6

Table 6 Resistance to fire classification

Product assessed	Assessment method	Requirement	Result
Fermacell Powerpanel H_2O Cement-Based Board, butt-jointed and fastened at 200 mm centres, on 50 x 10 mm wooden battens	BS EN 13501-2 : 2007	Value achieved	K10

(1) The report No. KB 3.2/12-042-1 is available from the Certificate holder on request.

2.2.2 When specified for use as the internal dry lining to loadbearing timber-framed or steel-framed external and separating walls, each construction must be individually assessed for fire resistance, by fire testing in accordance with BS EN 1365-1 : 2012 or BS 476-21 : 1987.

3 Hygiene, health and the environment

Data were assessed for the following characteristics.

3.1 Properties in relation to water

3.1.1 Weathertightness

When tested for water impermeability and water absorption, in accordance with BS EN 12467 : 2012 and EN 520 : 2004 respectively, the values shown in Table 7 of this Certificate were achieved.

Table 7 Weathertightness

Product assessed	Assessment method	Characteristic	Result
Fermacell Powerpanel H_2O Cement-Based Board	BS EN 12467 : 2003	Water permeability	No water penetration
	EN 520 : 2004	Water absorption at the surface	650 $g \cdot m^{-2}$
	EN 520 : 2004	Total water absorption of the product	8.5%
	EN 322 : 1993 at 20°C and 65%	Moisture content	≤5%

3.2 Condensation

The boards were tested for water vapour transmission, and the result of the test is given in Table 8.

Table 8 Water vapour transmission

Product	Assessment method	Requirement	Result
Fermacell Powerpanel H_2O Cement-Based Board	EN ISO 12572 : 2001	Value achieved	Water vapour resistance factor (μ) 56

4 Safety and accessibility in use

Not applicable.

5 Protection against noise

Not applicable.

6 Energy economy and heat retention

6.1 Thermal conductivity

The thermal conductivity of the board was established in accordance with BS EN 12524 : 2000, as shown in Table 9

Table 9 Thermal conductivity

Product assessed	Assessment method	Requirement	Value
Fermacell Powerpanel H_2O Cement-Based Board	EN 12664 : 2000	Value achieved	0.173 $W \cdot m^{-1} \cdot K^{-1}$

7 Sustainable use of natural resources

Data were assessed for the following characteristics.

7.1 Recycled content

Table 10 Recycled content

Product	Assessment method	Requirement	Recycled content
Fermacell Powerpanel H_2O Cement-Based Board	BREEAM	Value achieved	24%

8 Durability

8.1 The potential mechanisms for degradation and the known performance characteristics of the materials in the product were assessed.

8.2 Specific test data were assessed as shown in Table 11.

Table 11 Durability testing

Product assessed	Assessment method	Requirement	Result
Fermacell Powerpanel H_2O Cement-Based Board	EN 12467 : 2012 Freeze-thaw Heat-rain Warm-water Soak-dry	Value achieved	Category A

8.3 Service life

Under normal service conditions, the product will have a life at least equivalent to the structure in which it is incorporated, provided it is designed, installed and maintained in accordance with this Certificate and the Certificate holder's instructions.

PROCESS ASSESSMENT

Information provided by the Certificate holder was assessed for the following factors:

9 Design, installation, workmanship and maintenance

9.1 Design

9.1.2 The adequacy of the structural frame or substrate must be verified by a suitably experienced and competent individual. The structural frame or substrate must be able to resist the full racking loads; no contribution from product can be assumed.

9.1.3 Masonry walls in new buildings must be designed in accordance with BS EN 1996-1-1 : 2022. Masonry walls in existing buildings must be structurally sound.

9.1.4 Timber-framed walls in new buildings must be designed and constructed in accordance with BS EN 1995-1-1 : 2004 and preservative treated in accordance with BS EN 351-1 : 2007.

9.1.5 Galvanized steel framework must be structurally sound, and designed and constructed in accordance with BS EN 1993-1-1 : 2022.

9.1.6 The product must always be mechanically fixed with the fixings as specified in section 1.3.

9.1.7 If installed correctly, the product will not promote interstitial condensation.

9.1.8 Services penetrating the dry lining (eg light switches, power outlets) should be kept to a minimum and correctly sealed and backed according to the Certificate holder's recommendations. Any services passing through the board must be designed and constructed to ensure that the fire and water resistance of the construction is maintained.

9.1.9 The actual spacing and position of the board joints will generally be determined by the dimensions and shape of the construction. Any joints must coincide with movement joints in the structure and allow for the same degree of movement. The maximum spacing of the studs supporting the product must be:

in walls	600 mm
in floors and ceilings	500 mm.

9.2 Installation

9.2.1 Installation instructions provided by the Certificate holder were assessed and judged to be appropriate and adequate.

9.2.2 Installation must be carried out in accordance with this Certificate and the Certificate holder's instructions. A summary of instructions and guidance is provided in Annex A.

9.2.3 The product is secured to the substrate using the fixings as referred to in section 1.3. The maximum centres or spacing of studs or battens are:

- screws at a maximum distance of 250 mm centres
- staples at a maximum distance of 200 mm centres.

9.2.4 A gap of 5 mm above the floor level and below the ceiling level should be left between the board's horizontal edges. The wall product should not be fixed to floor or ceiling joists.

9.2.5 When installed on ceilings, the product must be fixed at a maximum of 200 mm centres.

9.2.6 Screws and staples must be fixed at a minimum of 15 mm from board edges.

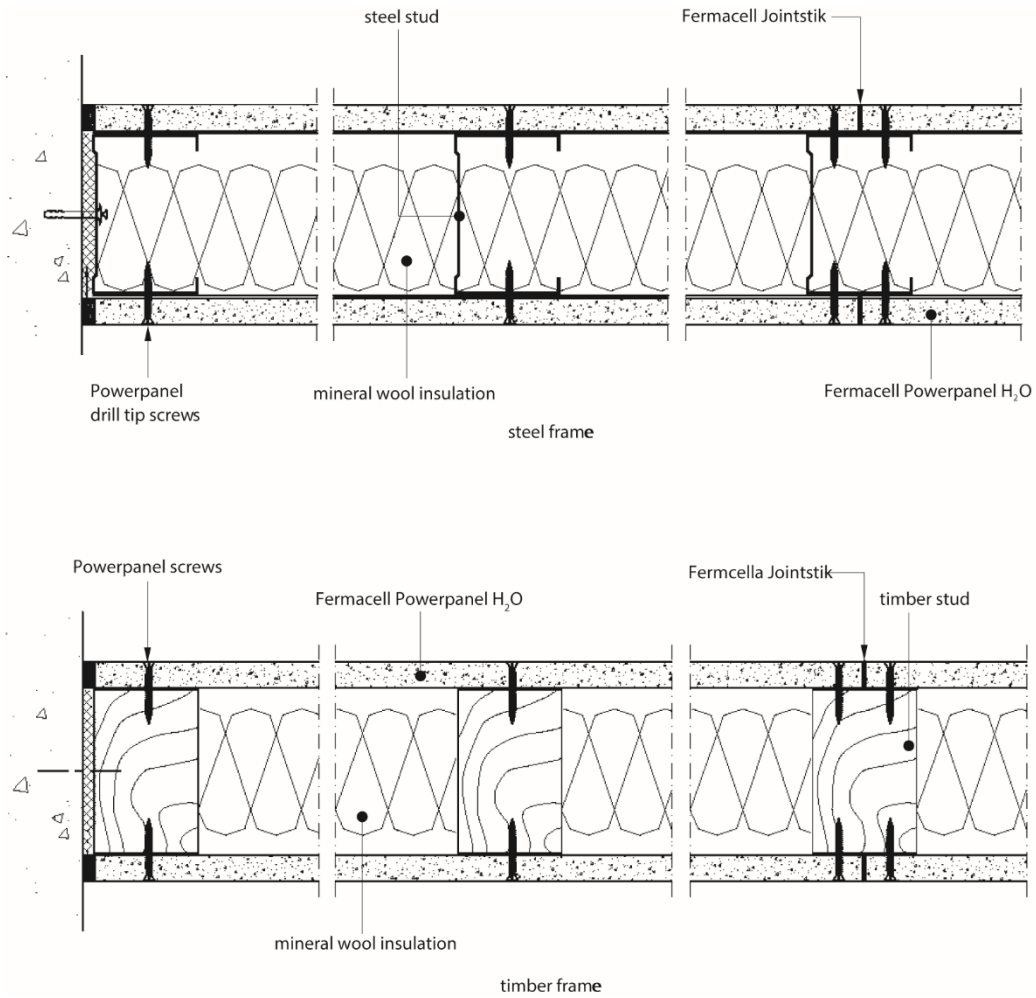
9.2.7 Screws must be sunk 1 mm below the board surface and should not be over-tightened (details are given in the Certificate holder's installation guide).

9.2.8 In areas of high humidity, a primer sealer and a liquid waterproofing may be required. The joints may need to be further reinforced with a self-adhesive fibre tape and the internal corners with flexible sealing tape. The Certificate holder's advice must be sought.

9.2.9 Where the product is not tiled over, the whole surface must be finished with an application of surface finish in accordance with the Certificate holder's instructions. Joints must be reinforced with an alkali-resistant fibre tape.

9.2.10 Typical installation of the product is shown in Figure 2.

Figure 2 Typical installation details



9.2.11 The level of supervision during installation of the system must be sufficient to ensure the quality of workmanship.

9.2.12 When a breather membrane is required, it must be installed and properly overlapped in accordance with the instructions of the membrane manufacturer and the building designer.

9.2.13 The product can be cut using power tools(1). For the best result, tungsten-tipped blades should be used. To minimise the amount of dust, vacuum extraction should be applied. Without power tools, cutting can be carried out using a stout sharp knife by scoring along a straight edge through the glass-fibre mesh, breaking the board over a supported edge and cutting through the underside mesh. Adequate PPE should be worn.

(1) Rail-guided circular saws are used for straight edges, and jigsaws and core drills for details

9.2.14 The first board is screwed to the vertical studs. Adhesive is applied on the full length of the edges of the board. The next and proceeding board are positioned in the same manner. Cross joints (when a horizontal joint crosses a vertical joint) must be avoided. Any excess adhesive must be removed with a scraping knife once it has dried (approximately 8 hours in dry conditions).

9.3 Workmanship

Practicability of installation was assessed by the BBA, on the basis of the Certificate holder's information. To achieve the performance described in this Certificate, installation of the product must be carried out by a competent contractor experienced with this type of product.

9.4 Maintenance and repair

9.4.1 Ongoing satisfactory performance of the product in use requires that it is suitably maintained. The guidance provided by the Certificate holder was assessed by the BBA and found to be appropriate and adequate.

9.4.2 The following requirements apply in order to satisfy the performance assessed in this Certificate:

9.4.2.1 Periodic inspections should be carried out to assess the need for cleaning, maintenance painting, maintenance of tiling and grouting, localised repairs and replacement, such as joints seals and fixings, to ensure that ingress of water does not occur. Necessary repairs should be carried out immediately.

9.4.2.2 Damaged boards, whether permanently exposed or hidden, must be replaced as soon as is practicable.

10 Manufacture

10.1 The production processes for the product have been assessed, and provide assurance that the quality controls are satisfactory according to the following factors:

10.1.1 The manufacturer has provided documented information on the materials, processes, testing and control factors.

10.1.2 The quality control operated over batches of incoming materials has been assessed and deemed appropriate and adequate.

10.1.3 The quality control procedures and product testing to be undertaken have been assessed and deemed appropriate and adequate.

10.1.4 The process for management of non-conformities has been assessed and deemed appropriate and adequate.

10.1.5 An audit of each production location was undertaken, and it was confirmed that the production process was in accordance with the documented process, and that equipment has been properly tested and calibrated.

† 10.2 The BBA has undertaken to review the above measures on a regular basis through a surveillance process, to verify that the specifications and quality control operated by the manufacturer are being maintained.

11 Delivery and site handling

11.1 The Certificate holder stated that the product is delivered to site in packaging bearing the product name, company name, batch number, health and safety information and weight of contents in kilograms, etc.

11.2 Delivery and site handing must be performed in accordance with the Certificate holder's instructions and this Certificate, including:

11.2.1 The product delivered to site in stacks of up to 30 on wooden pallets braced by three straps. The board edges are protected by cardboard. The stacks are wrapped in polythene and each carries a label bearing the product name, date of manufacture, size and quality control stamp.

11.2.2 Pallets can only be moved by forklift truck and must not be stacked more than four high.

11.2.3 When removed from the pallets, the product should be stored flat, off the ground, on a dry, level surface in a well-ventilated area protected from rain and snow. Sufficient supports must be provided to prevent bowing.

11.2.4 To protect the surface, individual products should be lifted (not slid) from the stack by two people and carried in a vertical position.

11.2.5 Metal components must be stored in dry conditions. Packaging details for accessory components are given in Table 12.

Table 12 Packaging details

Item	Packaging	Weight
Powerpanel H_2O screws	box of 500	972g
Powerpanel H_2O drill-tip screws	box of 250	686g
Stainless steel staples	—(1)	—(1)

(1) Not provided by the Certificate holder.

ANNEX A – SUPPLEMENTARY INFORMATION †

Supporting information in this Annex is relevant to the product but has not formed part of the material assessed for the Certificate.

Construction (Design and Management) Regulations 2015
Construction (Design and Management) Regulations (Northern Ireland) 2016

Information in this Certificate may assist the client, designer (including Principal Designer) and contractor (including Principal Contractor) to address their obligations under these Regulations.

CLP Regulations

Not applicable. The product is non-toxic and can be disposed of as rubble or domestic waste.

UKCA marking

The Certificate holder has taken the responsibility of UKCA marking the product in accordance with harmonised Standard EN 12467 : 2004.

CE marking

The Certificate holder has taken the responsibility of CE marking the product in accordance with ETA 07-0087.

Management Systems Certification for production

The management system of James Hardie Europe GmbH has been assessed and registered as meeting the requirements of BS EN ISO 9001 : 2015 by TÜV NORD CERT GmbH (Certificate 08 100 959271).

Additional information on installation

A.1 Installation must be in accordance with the Certificate holder's instructions and this Certificate.

A.2 FFP1 dust masks and eye protection are recommended when cutting with machinery.

Bibliography

BS 476-21 : 1987 *Fire tests on building materials and structures — Methods for determination of the fire resistance of loadbearing elements of construction*

BS 5234-2 : 1992 *Partitions (including matching linings). Specification for performance requirements for strength and robustness including methods of test*

BS EN 520 : 2004 + A1 : 2009 *Gypsum plasterboards. Definitions, requirements and test methods*

BS EN 351-1 : 2007 *Durability of wood and wood-based products — Preservative-treated solid wood — Classification of preservative penetration and retention*

BS EN 1365-1 : 2012 *Fire resistance tests for loadbearing elements — Walls*

BS EN 1993-1-1 : 2022 *Eurocode 3 : Design of steel structures — General rules and rules for buildings*

BS EN 1995-1-1 : 2004 + A2 : 2014 *Eurocode 5 : Design of timber structures — General — Common rules and rules for buildings*

BS EN 1996-1-1 : 2022 *Eurocode 6. Design of masonry structures. General rules for reinforced and unreinforced masonry structures*

BS EN 13501-1 : 2002 *Fire classification of construction products and building elements — Classification using test data from reaction to fire tests*

BS EN 13501-2 : 2007 *Fire classification of construction products and building elements.*

BS EN ISO 9001 : 2015 *Quality management systems — Requirements*

EN 322 : 1993 *Wood-based panels. Determination of moisture content*

EN 12664 : 2000 *Thermal performance of building materials and products*

EN 12467 : 2012 + A1 : 2016 *Fibre-cement flat sheets - product specification and test methods*

DIN EN 310 1993-08 : *Wood-based panels; Determination of modulus of elasticity in bending and of bending strength*

DIN EN 1383 : 2000 *Timber structures - Test methods - Pull-through resistance of timber fasteners*

ISO 12572 : 2001 - *Hygrothermal performance of building materials and products — Determination of water vapour transmission properties*

Conditions of Certificate

Conditions

1 This Certificate:

- relates only to the product that is named and described on the front page
- is issued only to the company, firm, organisation or person named on the front page – no other company, firm, organisation or person may hold or claim that this Certificate has been issued to them
- is valid only within the UK
- has to be read, considered and used as a whole document – it may be misleading and will be incomplete to be selective
- is copyright of the BBA
- is subject to English Law.

2 Publications, documents, specifications, legislation, regulations, standards and the like referenced in this Certificate are those that were current and/or deemed relevant by the BBA at the date of issue or reissue of this Certificate.

3 This Certificate will be displayed on the BBA website, and the Certificate Holder is entitled to use the Certificate and Certificate logo, provided that the product and its manufacture and/or fabrication, including all related and relevant parts and processes thereof:

- are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA
- continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine
- are reviewed by the BBA as and when it considers appropriate.

4 The BBA has used due skill, care and diligence in preparing this Certificate, but no warranty is provided.

5 In issuing this Certificate the BBA is not responsible and is excluded from any liability to any company, firm, organisation or person, for any matters arising directly or indirectly from:

- the presence or absence of any patent, intellectual property or similar rights subsisting in the product or any other product
- the right of the Certificate holder to manufacture, supply, install, maintain or market the product
- actual installations of the product, including their nature, design, methods, performance, workmanship and maintenance
- any works and constructions in which the product is installed, including their nature, design, methods, performance, workmanship and maintenance
- any loss or damage, including personal injury, howsoever caused by the product, including its manufacture, supply, installation, use, maintenance and removal
- any claims by the manufacturer relating to UKCA marking and CE marking.

6 Any information relating to the manufacture, supply, installation, use, maintenance and removal of this product which is contained or referred to in this Certificate is the minimum required to be met when the product is manufactured, supplied, installed, used, maintained and removed. It does not purport in any way to restate the requirements of the Health and Safety at Work etc. Act 1974, or of any other statutory, common law or other duty which may exist at the date of issue or reissue of this Certificate; nor is conformity with such information to be taken as satisfying the requirements of the 1974 Act or of any statutory, common law or other duty of care.

British Board of Agrément
1st Floor, Building 3, Hatters Lane
Croxley Park, Watford
Herts WD18 8YG
tel: 01923 665300
clientservices@bbacerts.co.uk
www.bbacerts.co.uk