

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Magply MgO Sulphate Board

Description of Product

This is an assessment of a high performance, multi-functional board. The Magply MgO Sulphate Board features a Magnesium Oxide formulation to offer a fire-safe and environmentally friendly alternative to conventional plywood or OSB products.

The production process keeps the chloride content to 0.01%, enhancing both stability and long term durability.

Magply MgO Sulphate Board carries internationally recognised accreditations confirming the board's ability to deliver 154 minutes integrity and 126 minutes insulation under test conditions.



Key Factors Assessed

- ☐ Mechanical Resistance & Stability
- ☐ Safety in case of Fire
- ☐ Health, Hygiene and Environmental
- ☐ Safety in Use
- ☐ Durability serviceability and identification

Validity

This certificate was first issued on 12th September 2019 and is valid until 12th September 2020

Issue Dated 12th September 2019

Scope of Registration

The range offers excellent racking strength, impact or pull-out resistance and all round ease of use in a variety of applications.

Magply has been tested under BS EN 476 Part 22 for timber frame applications and parts 6 & 7 to provide A1 classification for the surface spread of flames together with other approvals such as EN ISO 1182-2010.

For Scotland purposes:

The product is a render carrier board to accept acrylic and cementitious render, as such, the relevant parts subject to assessment are fire safety and environment.

Complementary products which are not part of this certificate are required to achieve full compliance with:

- fire spread on walls to neighbouring buildings
- fire spread on external walls
- precipitation
- condensation

Conditions of Certificate

The Magply MgO Sulphate Board must always be covered with a waterproof coating if used externally. The board should also be used in accordance with the manufacturer's recommendations.

For Scotland purposes:

The specifications and materials referred to have been assessed in accordance with the Building (Scotland) Regulations 2004 and in accordance with the supporting guidance in the Domestic and Non-Domestic Technical Handbooks which came into force with effect from 1 October 2019.

Where reference is made on a plan or specification document to any Code of Practice, British or European Standard or manufacturer's instruction it shall be construed as a reference to such publication in the form in which it is in force at the date of this registered detail.

The materials specified shall not be changed without first gaining approval so to do. Failure to do so will invalidate the Registered Detail.

This Registered Detail should not be regarded as a formal approval under the building warrant process prescribed by the Building (Scotland) Act 2003 enacted from 1 May 2005. It supports the site-specific building warrant submission required in every case.

LABC and LABSS consider that, Magply MgO Sulphate Board will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



The Building Regulations 2010 (as amended) England & Wales

AD A	Structure
Note:	The product is acceptable.
AD B	Fire Safety
Note:	The product is acceptable.
AD C	Site preparation and resistance to contaminants and moisture
Note:	The product is acceptable.
AD E	Resistance to the passage of sound
Note:	The product is acceptable.
AD L	Conservation of fuel & power
Note:	Limited contribution to thermal efficiency but the product can contribute to meeting this requirement.



The Building Regulations 2010 (as amended) England

AD B	Fire Safety
Note:	The product is acceptable.
AD L	Conservation of fuel and power
Note:	Limited contribution to thermal efficiency but the product can contribute to meeting this requirement.



The Building Regulations 2010 (as amended) Wales

AD B	Fire Safety
Note:	The product is acceptable.
AD L	Conservation of fuel and power
Note:	Limited contribution to thermal efficiency but the product can contribute to meeting this requirement.



The Building (Scotland) Regulations 2004 (as amended)

Technical Handbook Non-Domestic

Regulation 8	Durability, workmanship and fitness of materials
Note:	The installations will contribute to compliance with this regulation provided it is installed in accordance with the manufacturers' instructions and specifications.

The product is fit for its intended use, provided it is specified and installed in accordance with this BDA Agrément BAW 18 – 086/01/A.

Regulation 9

Note:

Building Standards applicable to construction

Construction shall be carried out so that the work complies with the applicable requirements of Schedule 5.

Mandatory

Standard 1.1

Note:

Structure

The product is acceptable, provided it is constructed in accordance with the manufacturer's details including that the mortar joints to the blocks shall only be Porotherm bed joint mortar supplied by the manufacturer. When fully installed in the building structure in accordance with BDA Agrément BAW 18 – 086/01/A the product can contribute to adequate strength and stiffness to resist the wind and imposed loads likely to be experienced in the UK.

Mandatory

Standard 2.6

2.6.4

Note:

Spread to neighbouring buildings

Spread to buildings

The product can contribute to compliance, provided it is constructed in accordance with the manufacturer's details and BDA Agrément BAW 18 – 086/01/A.

Reaction to fire

Note:

The product panels are classified in Euroclass A1 (Non-Combustible) of reaction to fire in accordance with EN 13501-1.

Mandatory

Standard 3.15

3.15.5

Note:

Condensation

Interstitial condensation

The product is breathable so will contribute to the control of interstitial condensation.

Mandatory

Standard 6.2

Mandatory

Standard 7.0

6.2.1

7.1.1

Note:

Building insulation envelope

Sustainability

Maximum u-values for new buildings

Levels of sustainability

The product can contribute to meeting compliance with Clause 6.2.1 and Clause 7.1.1 although the contribution of the product to the thermal performance is limited.

Non-Regulatory Information



LABC Warranty

The use of the Magply MgO Sulphate Board has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

KIWA BDA Agreement BAW 18-086/01/A

Magply DoP Final 19.2.18

Lucideon Magply Chloride Test Method C7 Reports 184711 and 39566

KIWA ETA 17/0976/28/12/2017

Magply Data Sheets for 20mm, 12mm, 9mm, 6mm and 3mm Boards

ISO 9001:2000 certificate

Exova Test reports to BS 476: Part 22 1987 Clause 5 Test Report 352737 and 386371

Exova Test report to BS EN 1364-1:2015 Test Report 381675 Dated 22nd May 2017

Exova Test Report BS EN 1365-1:2012 Test Report 406390 Dated 29th May 2019

Exova Test Report BS EN 1365-372448 Test Report 349368 Dated 19th October 2016

Exova Test Reports BS 476 Part 6:1989+A1:2009 Test Report 355912 Dated 21st January 2016 and Part 7:1997 Test Report 353475 Dated 3rd February 2016

Exova Test Report BS EN ISO 1182:2010 Report 360687 referenced under page 3 of Test Report WF 366624 Dated 14th June 2016

Exova Test Report BS EN ISO 1716:2010 referenced under page 3 of Test Report WF 366624 Dated 14th June 2016

Exova Report on classification in accordance with EN 13501-1 2007+A1:2009

Lucideon BS EN 594:2011 Report 153788

SRL Report BS EN ISO 10140-2:2010 Report C/23770/T01

BTTG Report EN ISO 12752:2001 Report 11/22074/PJH

BTTG Report IMO FTP Code 2010 Part 2 and 5

MGO board Comparison BUNCH Report KON17054-N001

Bunch report on water absorption

Magply Danish Testing Conclusions

SS Service report 10421565

Dryvit Approval

Lab Test on adhesive to Magply

Evaluation of Pull of and ageing test of Elastocolor Tonachino plus

Parex report on use as render carrier

KRend report on use of board to carry render

Wetherby Letter re use as Render Carrier

Contact Information

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