

TECH DATA

MastaShieldECO



MastaShieldECO is a Good Environmental Choice Australia (GECA) certified standard plasterboard that is manufactured in accordance with GECA Panel Board Standard 04-2007; quality system certified as complying with AS/NZS ISO 9001:2008 and meets the requirements of AS/NZ 2588, Gypsum Plasterboard. MastaShield ECO has recycled green liner paper.

APPLICATION

MastaShieldECO can be used in standard non-fire rated systems that require GECA or equivalent certified plasterboard to achieve points within the materials categories for Office, Healthcare and Multi-Residential Green star projects.

MastaShield ECO may also be used in other commercial, industrial and residential sectors for standard internal wall and ceiling linings that do not require specialty performances such as acoustic, fire or water resistant properties.

BENEFITS

- ▶ 100% Green Star points for the relevant material categories within Office, Healthcare and Multi-Residential Green Star projects
- ▶ Economical, lightweight and easy to install compared with brick work and masonry
- ▶ May be substituted for 13mm MastaShield in any non-fire rated system



MastaShield ECO can be used in standard non-fire rated partition systems and can achieve maximum Green Star points for the material categories - Office, Healthcare and Multi-Residential.

PRODUCT INFORMATION

| | | | | |
|-----------------------------------|--|-------------------|--------------------|-----------------------------------|
| SHEET SIZE | Thickness (mm) | Width (mm) | Length (mm) | Weight* (kg/m²) |
| | 13 | 1200 | 3000 | 9.0 |
| FIRE HAZARD PROPERTIES | Group 1 material according to the requirements of BCA Section C1.10 Fire Hazard Properties Average Specific Extinction Area < 250 m ² /kg as required by BCA Specification C1.10a, Clause 3(c) | | | |
| COMBUSTIBILITY | Non-combustible according to the BCA Section C1.12 | | | |
| VOLATILE ORGANIC COMPOUNDS | TVOC < 0.5mg/m ³ | | | |
| RECYCLED CONTENT | 11% | | | |

* Weights indicated are nominal

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INSTALLATION

For ease of separation into components for disassembly at the end of lifecycle, it is recommended to install using the Fasteners Only Method.

For all plasterboard joints, apply two coats of MastaBase or MastaLongset, followed by one coat of the finishing compound MastaFinish or MastaGlide. Alternatively, use three coats of MastaLite.

Refer to the Knauf Tech Manual (October 2009) for complete installation instructions. For end of life recycling refer to OnBoard – Design for Disassembly.

WARRANTY

Knauf's products are guaranteed by a 10 Year Warranty Visit knaufplasterboard.com.au for details.

Knauf also offers supporting documentation for Sustainable Building projects including product stewardship, VOC Certificates, OnBoard – Design for Disassembly as well as information on Environmental Policy and Management.

All Green Star compliance documents are available on www.knaufplasterboard.com.au

PERFORMANCE



MastaShieldECO has been independently certified as fully complying to the criteria of GECA Panel Board Standard 04-2007.



Quality
ISO 9001
SAI GLOBAL

Knauf manufactures plasterboard products in accordance with quality systems certified as complying with AS/NZS ISO 9001:2008.

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