



ENVIRO Plasterboard®

RECYCLED MATERIALS TECHNOLOGY

Sustainable materials and practices are given an increasingly important consideration in today's building construction. As a demonstration of our commitment to sustainability principles, Boral developed an environmentally preferred ENVIRO Plasterboard® range incorporating proprietary Recycled Materials Technology (RMT).

Boral ENVIRO Plasterboard® products have been certified as complying with Good Environmental Choice Australia (GECA) Panel Board Standard GECA 04-2007. Key requirements of this Standard are a minimum 10% overall recycled content, operation and monitoring of environmental performance through an Environmental Management System, and the reduction of production and construction waste including the availability of recycling services. All Boral ENVIRO Plasterboard® products have the GECA logo prominently displayed on the back of the board.



BOR-2009
GECA 04-2007
Panel Boards

Boral ENVIRO Plasterboard® range comprises the following products:

Product name	Thickness	Mass (kg/m ²)	Paper liner colour
ENVIRO Regular®	13mm	9.0	Light green
ENVIRO Soundstop®	13mm	11.2	Light yellow

Additional products will be added to the ENVIRO Plasterboard® range over time.

For complete and up-to-date information on Boral ENVIRO Plasterboard® range please visit www.boral.com.au/enviro

ENVIRO Plasterboard® and Green Star Rating Tools

The Green Building Council of Australia (GBCA) has developed a number of Green Star rating tools to assess the environmental impact of the design, construction, and maintenance of buildings. Whilst the GBCA does not endorse any products or materials, specifying Boral ENVIRO Plasterboard® may contribute to Green Star credit points as determined by the relevant rating tool. Green Star rewards the use of products that have been certified for their environmental merit by GECA, such as that received by Boral ENVIRO Plasterboard®.

Provided overleaf is a summary of Boral ENVIRO Plasterboard® possible contribution under various Green Star rating tools, and a demonstration of Boral ENVIRO Plasterboard® assessment through the Office Interiors v1.1 rating tool.

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The use of ENVIRO and other Boral plasterboard products can contribute credit points in the following areas when assessed under various Green Star rating tools:

Green Star Rating Tool	Assessment Categories			
	Management (Man)	Indoor Environmental Quality (IEQ)		Materials (Mat)
	Waste Management	Internal Noise Levels	Volatile Organic Compounds	Walls & Partitions
Office Interiors v1.1	Man-6	IEQ-10	IEQ-11	Mat-3
Office Design v3	Man-7	IEQ-12	IEQ-13	–
Office As Built v3	Man-7	IEQ-12	IEQ-13	–
Retail Centre v1	Man-7	IEQ-7	IEQ-8	–
Education v1	Man-7	IEQ-7	IEQ-8	–
Healthcare v1	Man-7	IEQ-7	IEQ-8	Mat-14
Multi Unit Residential v1	Man-7	IEQ-7	IEQ-8	Mat-14

Notes:

Management (Man): Waste Management

Waste collection services are available to divert acceptable plasterboard waste away from land fill for recycling or re-processing for other uses. For information on waste collection services available, please contact your local Boral Plasterboard office.

Indoor Environment Quality (IEQ): Internal Noise Levels

Boral plasterboard acoustic products and systems can assist in controlling noise levels and occupant comfort through the attenuation of noise transmissions and reverberation times.

Indoor Environment Quality (IEQ): Volatile Organic Compounds (VOC) & Formaldehyde Minimisation

Boral plasterboard products, compounds, and adhesives have been independently tested to confirm compliance with Green Star specification limits for VOCs and are formaldehyde free.

Below is a demonstration of Boral ENVIRO Plasterboard® assessment using the Walls and Partitions Calculator of the Office Interiors v1.1 rating tool:

Green Star - Office Interiors v1.1															
Mat-3 Walls and Partitions Calculator				Total Area of Walls and Partitions within the Fitout 100 m ²				Points Awarded for this Credit 2							
Product Classification	Name of Walls/Partitions Supplier	Brief Description of Walls & Partitions	Area of Walls or Partition (m ²)	Resource Utilisation		Management						Reusability		Product Score (%)	
				Eco Preferred Content	Durability	EMS?	EMS ISO 14001 Certified?	EMS Includes?				Product Stewardship	Modular		Designed for Disassembly
								Waste Minimisation	Energy	Emissions	Materials Minimisation				
New	Boral	ENVIRO Plasterboard linings	100	≥20%	≥10yrs	Yes	No	Yes	Yes	Yes	Yes	No	No	≥50% & ≤90%	57

Notes:

Eco Preferred content: Boral ENVIRO Plasterboard® has been certified as meeting the requirements of the GECA Panel Board standard 04-2007.

Durability: Boral ENVIRO Plasterboard® is warranted for 15 years.

Environmental Management System (EMS): Boral Plasterboard operates an EMS, which amongst other things monitors and reports on waste and recycling rates, energy consumption and reduction programs, air and water emissions, and materials utilisation.

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