



**ENVIRONMENTAL
ASSURANCE**

ENVIRONMENTAL PRODUCT DECLARATION

LN: BOR-2009

Boral Australian Gypsum Ltd

Standard:
GECA 04-2007 – Panel Boards

Conformance Declaration Date:
11th May 2009



**Environmental
Assurance**

*“ensuring accurate environmental
testing and verification of
conformance”*

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standards”*

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EPD

accurate
simplified
environmental
performance
information on
Environmental Choice
Australia Mark
Certified Products



environmental solutions for sustainable markets in Australia

The Environmental Choice Australia Mark ecolabelling program is the national product life cycle environmental declaration based on internationally recognized standard setting and assessment methodology.

The national program is managed by two distinct organisations:

Good Environmental Choice Australia Ltd. is the standard setting and sustainable consumption market promotions body which develops and declares the ecolabelling standards defining product environmental preference in conformance to ISO 14 024 – International Standard for Third Party Environmental Labelling and Declaration (www.GECA.org.au). GECA is an independent non-profit environmental research and ecolabeling standard setting organisation recognised as the Australian member of an international network of ecolabelling schemes under the Global Ecolabelling Network.

Environmental Assurance (also trading as Good Environmental Choice Services Pty Ltd) is the auditing and certification body with responsibility for product assessment, certification and licensing of products against the declared standards (www.eassurance.com.au). GECS is the assessment body for this Program with expertise specific to quality product environmental performance auditing following the principles of ISO 14 010 and ISO 14 024 in it's audit and certification services.

Following an independent audit against the recognition requirements of the Australian Program this declaration outlines key environmental performance attributes of products that have been awarded the "Environmental Choice Australia" label for the Australian market. The Ecolabel is awarded to those products that meet or exceed voluntary standards of environmental performance.

The objectives of the program are to:

- a) Provide incentives for suppliers to reduce the environmental impacts of products sold in Australia;
- b) Provide a clear, credible and independent guide to consumers wishing to take account of environmental factors in their purchasing decisions;
- c) Encourage consumers to purchase products which have lower environmental impacts;
- d) Recognize genuine moves by companies to reduce the adverse environmental impacts of their products;
- e) Aim ultimately to improve the quality of the environment and to encourage the sustainable management of resources.

DISCLAIMER:

This report has been prepared by Good Environmental Choice Services Pty Ltd (Environmental Assurance) in respect of a Client's assessment results for product conformity to the requirements of the respective Good Environmental Choice Australia Ltd (GECA) standard. The purpose of this public report is to present summary evidence and overview of the Client's product conformity with the standards or other criteria specified. The content of this report applies only to matters which were evident to Environmental Assurance at the time of the audit within the audit scope. Environmental Assurance does not warrant or otherwise comment upon the suitability of the contents of the report or the certificate for any particular purpose or use. Environmental Assurance accepts no liability whatsoever for consequences to, or actions taken by, third parties as a result of or in reliance upon information contained in this report.



CERTIFICATION FINDINGS

This range of products manufactured by Boral Australian Gypsum Ltd has been assessed against the GECA 04-2007 standard – Panel Boards. These products have successfully gained official registration as certified 'Good Environmental Choice' products under the Australian Ecolabel program.

1. MANUFACTURER DESCRIPTION

Boral Australian Gypsum Ltd

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Boral Limited is Australia's largest building and construction materials supplier in Australia, and has significant operations in the USA and in Asia. Boral has over 15,900 employees working across 717 operating sites. Boral produces and distributes a broad range of construction materials, including quarry products, cement, flyash, pre-mix concrete and asphalt; and building products, including clay bricks and pavers, clay and concrete roof tiles, concrete masonry products, plasterboard, windows and timber. Boral primarily serves customers in the building and construction industries with operations concentrated in three key geographical markets - Australia, the USA and Asia.

Companies leading
Australia's environmental
response at work.

2: REGISTERED PRODUCTS

LN: BOR-2009

The following Boral Australian Gypsum Ltd products have been awarded the Environmental Choice Australia Declaration:



PRODUCT NAME	PRODUCT DESCRIPTION
Enviro 13mm SoundSTOP Board	Plasterboard
Enviro 13mm Standard Core Board	Plasterboard

Enviro 13mm Standard Core Board



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

Products with a distinctive
environmental edge.

3. KEY ENVIRONMENTAL PERFORMANCE FINDINGS

The key environmental performance criteria against which the Boral Australian Gypsum Ltd products were assessed, and the findings by Environmental Assurance, are provided below.

Criterion	Core Environmental Performance Characteristics
Fitness for Purpose	These nominated Boral Australian Gypsum Ltd products are manufactured in an ISO 9001:2008 certified facility. Boral Australian Gypsum Ltd tests these products internally for quality control in an NATA accredited laboratory. These products are covered with a seven year warranty when supplied and installed by Boral Plasterboard.
Timber and Other Natural Materials	The cellulose fibres contained in these products is sourced from 100% recycled paper. The starch contained in these products has not been produced from genetically modified organisms.
Paper Processing	No bleaching chemicals, chlorine or chlorides are used in the manufacturing of these Boral Australian Gypsum Ltd products.
Gypsum	These nominated Boral Australian Gypsum Ltd products are not formulated or manufactured with Phosphogypsum meeting the requirements of this criterion.
Adhesives	The adhesive used in these products is water based and is classified as non-hazardous according to the criteria of NOHSC. No carcinogenic material is contained in the adhesive used in these products.
Coatings and Treatments	GECS has determined that the paper covering on these products does not prevent its post consumer recycling. It is separated from the plaster board and processed by a licensed company.
Hazardous Materials	GECS has determined that no hazardous or prohibited substances are used or added to these products during their manufacturing.
Possible Radioactive Sources	Samples of these products have been tested by the CSIRO for radioactivity and it was found that the radiation was not above background levels.
Recycled Content Requirements	GECS has determined that these nominated Boral Australian Gypsum Ltd products contain a recycled content that is above the minimum requirements as stated in the requirements for this criterion.
Waste Minimisation	Damaged boards from manufacturing, transport or customer returns are evaluated and either re-cut and sold as a smaller boards or separated into their constituent materials and recycled. The manufacturing facilities for these products capture rain water and recycle processed water, reducing the amount of potable water used during their manufacturing.
Product Custodianship	Boral Australian Gypsum Ltd have a product custodianship policy in place, they will accept these products at their end of life for recycling.
Packaging Requirements	These Enviro products are packaged on wooden pallets which are re-used whenever possible.
Product Information	Boral Australian Gypsum Ltd has a Plasterboard Product Manual (PB102) available for these Enviro products. This document covers instructions for use, installation, maintenance, cleaning, repair, storage and recycling.
Environmental Regulations	Boral Australian Gypsum Ltd adheres to the relevant environmental regulations with the exception of one incident in the past 24 months. The company has provided evidence of corrective action with regards to this incident.
Labour, Anti-Discrimination and Safety Regulations	Boral Australian Gypsum Ltd adheres to the relevant social requirements and workplace regulations. The company has not been prosecuted for violations to labour, anti-discrimination or safety regulations in the past 24 months.

Quantifying key criteria for
assurance to the market.

FURTHER INFORMATION

A detailed verification report is supplied to verified manufacturers regarding the findings of environmental characteristics of their products and evidence of compliance. The verification report can be made available at the sole discretion of the manufacturer.

This EPD has been made available for green purchasing officers, specifiers, and every day Australians seeking to purchase products and services on the basis of functional and overall environmental and human health performance.



**ENVIRONMENTAL
ASSURANCE**

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FURTHER INFORMATION ON THE WEB

The Australian Ecolabel Program is the national environmental product life cycle labelling program for Australia. Further details of the Australian Ecolabel Program are available from www.eassurance.com.au and www.geca.org.au.