



Lic No.: LIL- 2006

Standard: GECA 28-2005 – Furniture and Fittings

Initial Verification Conformance Date: 07 November 2006

Ergosystem Commercial Interiors Pty Ltd

Good Environmental Choice - Australia

ENVIRONMENTAL PRODUCT DECLARATION



The Lilipod workstation and screening system by Ergosystem Commercial Interiors have been assessed against the GECA 28-2005 – Furniture and Fittings, and awarded with the Australian Good Environmental Choice Eco-Label.

1. Description of Company and Production

Ergosystems Commercial Interiors Pty Ltd

Products: Lilipod workstation and screening system

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Established in Qld 1987, Ergosystem has developed its success from an ability to supply solutions for individual customer needs within budget. Ergosystem works closely with you to ensure an efficient process of design, manufacture and installation, on time.

2. Description of the Verification.

The Good Environmental Choice Label is the national product life cycle independent environmental declaration in Australia (www.geca.org.au). The organisation is an independent non-profit environmental research and certification organisation recognised as the Australian member of an international network of ecolabelling schemes under the Global Ecolabelling Network. Good Environmental Choice Australia (GECA) Ltd. manages the Good Environmental Choice – Mark of Conformity in conformance to ISO 14 024 – International Standard for Third Party Environmental Labelling and Declaration.

Following an independent audit against the recognition requirements of the Australian Ecolabel Program the range of Egrosystem Commercial Interiors Lilipod products have been awarded the "Good Environmental Choice" label for the Australian market. The Ecolabel is awarded to those products that meet or exceed voluntary standards of environmental performance. The verification procedure is managed via a Documented Quality Management System and Certification Program Manual which have made significant use of the ISO 14 000 series.

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.

3. *The Products*

The following Ergosystem Commercial Interiors products have been awarded the Good Environmental Choice Declaration:

<i>PRODUCT</i>
<i>Lilypod workstation</i>
<i>Lilypod screen system</i>



lilypod™ 120-1200



lilypod™ 90 Callstation



lilypod™ 2350 Inline



lilypod™ 1800 Inline Reception

4. **Key Environmental Performance Findings by GECA**

The key environmental performance criterion against which the Ergosystem Commercial Interiors Lilypod workstation and screen system were assessed according to the requirements of GECA 28 – Furniture and Fittings. This standard incorporates a wide range of key environmental performance requirements as the basis of assessment of environmental preference. Readers of this EPD that seek greater clarification of the environmental performance criteria are referred to the GECA Standards Register at www.geca.org.au/standardsregister.htm. The findings by GECA, are provided below.

Environmental Requirements Core Environmental Performance Characteristics

Fit for Purpose	<p>The Lilypod Workstations are a new product on the market with a few major installations already undertaken at major commercial fitouts around the country. some of these include: The University of Queensland, Sarina Russo Schools Australia, Treasury Casino, Wotif.com Broad Construction – Brisbane.</p> <p>The product range has a five year warranty for all manufacturing defects. Physical inspection of the joints, materials and workmanship demonstrates suitability of the product to a commercial setting.</p>
Controversial Timber Sources	<p>Ergosystem Commercial Interiors source all MDF (18mm and 25mm) product from the Laminex Group. The MDF range of the Laminex Group has already been certified to the Good Environmental Choice declaration and holds GECA Licence No LAM – 2005 confirming compliance to the Controversial Timber Sources criteria.</p>
Treatment	<p>Ergosystem Commercial Interiors source all MDF (18mm and 25mm) product from the Laminex Group. The MDF range of the Laminex Group has already been certified to the Good Environmental Choice declaration and holds GECA Licence No LAM – 2005 confirming compliance to the timber treatment criteria.</p>
Air Emissions	<p>Ergosystem Commercial interiors source all MDF (18mm and 25mm) product from the Laminex Group. The MDF range of the Laminex Group has already been certified to the Good Environmental Choice declaration and holds GECA Licence No LAM – 2005 confirming compliance to the air emissions criteria.</p>
Salvaged & Reclaimed Timbers	<p>Not applicable</p>
Plastics	<p>The plastic components of the workstation are feet covers and ABS edging. In the case of the feet covers they are less than 100g in weight and therefore are exempt from meeting the requirements of this criterion, in the case of the edging it is impractical to apply a resin identification label to this item.</p>

<i>Padding Material</i>	Not applicable
<i>Synthetic latex and natural latex requirements</i>	Not applicable
<i>Polyurethane padding requirements</i>	Not applicable
<i>Fabric</i>	Not applicable
<i>Glass</i>	Not applicable
<i>Adhesives</i>	An EVA based adhesive is used when applying ABS edging on MDF panels. A review of MSDS and technical review of BAZ 3000, finds this adhesive to be in compliance to the requirements of this criterion.
<i>Overall Loads</i>	<p>A review of MSDS for Dulux 961 line Alphatec Plus Polyester Powder Coatings and 272 Duralloy finds that none of the above prohibited substances are contained in the ingredient mix.</p> <p>GECA has reviewed the MSDS for the virgin plastic used in the Eco Panel by Woven Image and finds it is in compliance with the requirements of this criterion.</p> <p>The Bulletin Board by Forbo has also been assessed by GECA for other assessments and was found to be compliant with the requirements of this criterion.</p>
<i>Formaldehyde Emissions Limit 0.36 mg/m³</i>	<p>All timber components of the Lilypod workstation range are sourced from the Laminex Group, these are certified products under licence LAM-2005.</p> <p>In addition GECA inspected MSDS for cleaning solutions (Methylatedv Spirit, Edge Clean), these do not contain formaldehyde resin and are not expected to cause formaldehyde emission.</p>
<i>Chemical Additives</i>	A review of MSDS for production ingredients establishes compliance with the requirement of this criterion
<i>Prohibited Substances</i>	An inspection of production ingredients MSDS establishes compliance with the requirements of this criterion, in addition GECA reviewed a statement by the manufacturer, it is stated that the substances listed in this criterion are not used in the production of the Lilypod workstation.
<i>Post</i>	There is no technical barrier to the disassembly of Lilypod Design Pty Ltd furniture products range for further

Consumption Recycling,	recovery and recycling. Assembly and disassembly of the product is relatively straight forward and the manufacturer has made a commitment to the recovery and re-use of the product range.
Coatings, Labels and other Treatment	Ergosystem Commercial Interiors have establishes a market take back policy for the product range at end of life.
Separability	The lilipod workstation is not coated nor impregnated in a manner that will prevent post consumer recycling,
Product Custodianship	Ergosystem Commercial Interiors have establishes a market take back policy for the product range at end of life.
Coatings/treatments	The lilypod workstation is not coated nor impregnated in a manner that will prevent post consumer recycling,
Replacement Parts	The Lilypod workstation range does not include any parts that are subject to wear

5. Environmental and Social Regulatory Obligations:

The environmental licensing, environmental management system and environmental regulation elements were reviewed for samples sites. In all cases there was not an incident of breach of environmental regulations within the specific timeline of these *criteria*.

Ergosystem Commercial Interiors Pty Ltd operates from a commercially zoned premises, there are no environmental licences needed for this operation.

GECS found Ergosystems to be fully compliant with the social obligations this was established through a review of the following documentation.

- Commercial tenancy agreement for the location of the main manufacturing facility.
- Sample payslips for current employees.
- Sample contract of engagement.
- Cover Note from Qld Work cover confirming worker compensation insurance.

6. Additional Information

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

Good Environmental Choice Australia recommends these products to 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.

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