



Licence No.: ZAI - 2007

Standard: GECA 28-2005 – Furniture and Fittings

Initial Verification Conformance Date: 28 February 2007

Zaishu

Good Environmental Choice - Australia

ENVIRONMENTAL PRODUCT DECLARATION

Zaishu

The Zaishu chair been assessed against the GECA 28- 2005- Furniture and Fittings Standard, and awarded the Australian Good Environmental Choice Eco-Label.

1. Description of Company and Production

Company: **Zaishu**
Product: Zaishu
Address: 1/16 Uki St Yamba NSW 2464
Phone: 61 2 6646 1895
Fax: 61 3 8610 1979
Web: <http://www.zaishu.com/shop.php>

Zaishu is an artistic and high-quality seat/ Stoll/ Coffee table etc solution for the commercial, retail and domestic markets in Australia.

Zaishu has design and manufacturing attributes which directly reduce the environmental loads associated with using a product of this type in comparison to like products available on the Australian market.



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 organization recognized 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 Ecolabelling Program the Zaishu covered by this report have been awarded the "Good Environmental Choice" label for the Australian market. This 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:

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

3. The Products

A Zaishu is a strong, functional, slot together design chair/ stool etc made from plantation grown veneer and water based inks, paints and varnish.



Zaishu is Working with international artists and designers to create limited edition pieces that feature unique and collectable artwork.



4. Key Environmental

Performance Findings by GECA

The key environmental performance criterion against which the Zaishu chair was assessed, and the findings by GECA, are outlined below.

Environmental Requirements	Core Environmental Performance Characteristics
<p>Fitness for Purpose</p> <p>Certified products should be good performers in their intended application. It is implied that certain standards of product performance are implicit in the label.</p>	<p>The Zaishu chair has been available on the Australian market for 18 months. The product is backed by a 5 year warranty.</p> <p>The product has been supported by a variety of businesses including: Museums, cafes and offices. Through their use of the Zaishu chair it has proven to withstand stresses associated with standard use without failure.</p>
<p>Timber and Other Natural Materials</p> <p>Fiber source</p> <p>Wood and other natural materials from sources that are not certified under a recognised certification scheme (e.g. FSC or AFS) as being sustainably managed</p>	<p>GECA has confirmed through attainment of receipts that all wood obtained by Zaishu is Plywood. This product was confirmed as originating from 100% Australian plantation Hoop Pine.</p>
<p>Timber treatment</p> <p>Wood and natural materials used in furniture and fittings products may not be treated with fungicides and insecticides that are classified due to their hazardous nature by the World Health Organisation as type 1a and Type 1b for storage and/or transportation</p>	<p>The plywood supplied is not treated with any insecticide or fungicide.</p>

<p>Air emmissions</p> <p>Products made from plywood that contain formaldehyde based additives, shall be subject to a 0.3mg/l emission limits.</p>	<p>GECA received formaldehyde testing by PAA (Engendered Wood Products Association of Australia) six samples were tested between February and June 2006, the results are all lower then the 0.3 mg/l limit stipulated in this criteria.</p>
<p>Overall Loads</p> <p>The following substances shall not be added to eco-labeled furniture during the reproduction process: Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Fluorine, Chlorine, Pentachlorophenol (PCP), Tar oils and (benzo(a)pyrene).</p>	<p>All materials used in the Zaishu chair have been assessed and their MSDS confirm that none contain hazardous materials as specified above.</p>
<p>Chemical Additives</p> <p>Furniture or fittings shall not contain carcinogenic substances in categories 1, 2A as classed by the International Agency for Research on Cancer – http://www.iarc.fr.</p>	<p>All materials used in the Zaishu chair have been assessed and their MSDS confirm that none contain chemical additives as specified above.</p>
<p>Prohibited Substances</p> <p>Halogenated organic binding agents, poly brominated diphenyl ether (PBDE) flame retardants ,aniline based amines, phalates, aziridine or polyaziridines as well as pigments and additives that contain lead, tin, cadmium VI, or mercury.</p>	<p>All materials used in the Zaishu chair have been assessed and their MSDS confirm that none contain substances as specified above.</p>

<p>Separability The eco-labeled product shall be easily disassembled making possible the recovery and recycling of materials used.</p>	<p>An inspection of a sample chair by GECA shows there is no technical barrier to the disassembly of the Zaishu chair for further recovery and recycling.</p>
<p>Product Custodianship The applicant shall accept their product without additional cost (not including transportation costs) for further recycling.</p>	<p>Zaishu will accept returns without additional cost returned products. These will be reused or refurbished for art projects or further sale.</p>

5. Environmental and Social Regulatory Obligations:

The applicant is required to comply with relevant environmental legislation and government orders at the Local, State and Commonwealth level, if these have been issued. Additionally, an applicant shall demonstrate that all employees are covered by a Federal or State award or a certified industrial agreement or a registered workplace agreement as determined by the Industrial Relations Commission, the Employment Advocate or a State or Territory Workplace Relations Agency.

The Zaishu chair is manufactured via the use of contractors. The operations of these contractors are not in need of an environmental licence, in addition GECA received statements by from these operators, the statements state that these they are not in need of an environmental licence and have not been prosecuted in an environmental court of law in the past two years.

With regards to compliance to social regulations all operators are in compliance with social regulations and have not been prosecuted in a court of law in relation to Labour, Anti-Discrimination and Safety Regulations.

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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