



**ENVIRONMENTAL
ASSURANCE**

ENVIRONMENTAL PRODUCT DECLARATION

LN: CAV-2007

Cavalier Bremworth

Standard:
GECA 07-2006 – Wool Pile Wool Blend and
Modular Wool Carpets

Conformance Declaration Date:
4th October 2007



**Environmental
Assurance**

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

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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 carpets produced by Cavalier Bremworth has been assessed against the GECA 7-2006 – Wool Pile Wool Blend and Modular Wool Carpets Standard, and awarded with the Australian Good Environmental Choice Eco-Label.

1. MANUFACTURER DESCRIPTION

Cavalier Bremworth

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The story of Cavalier Bremworth began in 1959 when Doug Bremner founded the Bremworth Carpet Company and set up a small factory in Papatoetoe, South Auckland. In 1967 UEB Industries, one of New Zealand's biggest corporations at the time, bought Bremworth and proceeded to establish spinning and scouring plants around the country. Five years later in 1972 Cavalier Carpets of New Zealand was founded by Tony Timpson and Grant Biel. A spinning plant was built at Wanganui in 1975 and in 1983 Cavalier Carpets listed on the New Zealand Stock Exchange as Cavalier Corporation. In 1988 Cavalier Carpets bought Bremworth's spinning and tufting plants including the much valued Bremworth name and distribution rights. In 1991 the combined companies relaunched under the Cavalier Bremworth brand.

Companies leading
Australia's environmental
response at work.



2: REGISTERED PRODUCTS

LN: CAV-2007

The following Cavalier Bremworth products have been awarded the Environmental Choice Australia Declaration:

PRODUCT NAME	PRODUCT DESCRIPTION
GT 001	100% Wool Level Loop
GT 002	100% Wool Hard Twist
GT 003 (3048 – Champs Elysees, 826 Vallute, 9006 Shimmer, 646 Mystique, 812 Onde and 808 Oriel)	100% Wool Plush
GT 004	100% Wool Textured Loop
GT 005	90/10% Wool/Nylon Level Loop
GT 006	100% Scintilla Nylon

GT 001 (Chieftain)

100% Wool Level Loop. Straight line sewing has been used in this level loop pile to achieve a corded appearance.



GT 002 (Accolade/745)

100% Wool Hard Twist. The bulky yarn structure in this cut pile provides a hard wearing option for residential uses.



GT 004 (Cobble Lane)

100% Wool Textured Loop. A textured but flexible canvas that for traditional or modern interior.



Products with a distinctive environmental edge.



3. KEY ENVIRONMENTAL PERFORMANCE FINDINGS

The key environmental performance criteria against which the Cavalier Bremworth products were assessed, and the findings by Environmental Assurance, are provided below.

Criterion	Core Environmental Performance Characteristics
Fitness for Purpose	Cavalier Bremworth carpets have undergone testing in relation to abrasion, delaminating of backing fabric, durability, tuff withdrawal force and colour fastness to light, rubbing and shampooing, as outlined in the relevant New Zealand Standard, and results are in conformance with the ACCS specification.
Warranty Protection	Depending on application (medium or heavy use) the warranty period for these products are 15 years and 12 years respectively. Both of which exceed the minimum requirement of 10 years.
Insect Resistance	The nominated wool and wool blend products are treated against insect attack. This treatment is carried out to the requirements of the Woolmark/ Woolmark Blend E10 specification. No insect resistance treatment is applied during the scouring process.
Requirements for Wool Scours	Cavalier Bremworth is permitted to discharge effluent into the Napier City wastewater systems. Napier City Council milliscreens this waste and is licensed to discharge trade wastewater. A GECS review of this operation has found that the spinning lubricants, BOD, wool grease content, hazardous substances, total water use and energy use of the wool scour is below the allowable limits set for this criterion. GECS has also determined that no alkyl phenol-based detergents or insect resist treatments are used during the scouring process.
Yarn	COD level in dye house effluent does not exceed 30kg/tonne. The level of bifenthrin in waste water is below the 0.2 mg/L limit set for discharge to municipal treatment systems. Spinning lubricant addition does not exceed 3% of the weight of wool. After chroming techniques are not used, the level of chromium in dye house effluent is well below the 2000ppm limit set in the standard. The nominated products are in conformance with this criterion.
Finished Product	The VOC emissions in the finished product are below 0.5mg/m ² h.
Air Emissions	Cavalier Bremworth carpets have undergone testing in relation to VOC air emissions, GECS has reviewed these test results and confirmed Cavalier Bremworth meets the requirements of this criterion.
Adhesives	Cavalier Bremworth recommends the use of adhesives that are water based, pressure sensitive and low in VOC's be used for installation. The recommended adhesives have less than 5% by weight of volatile organic compounds.
Waste Minimisation and Management	These nominated products can be returned to the manufacturer at their end of life for re-use as a geo textile.
Environmental Regulations	Cavalier Bremworth is certified with ISO14001for Environmental Management System and is in compliance with the relevant environmental regulations. This company has not been prosecuted in the last 24 months under Environmental Law.
Labour, Anti-Discrimination and Safety Regulations	Cavalier Bremworth is in compliance with the relevant social and workplace requirements and has not been the subject of prosecution in a court of law within 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.



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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.