








## The EU Ecolabel for Textile Floor Coverings

"The official EU mark for Greener Products"

If you want to show your commitment to a better environment:

### Choose the Flower for your Textile Floor Coverings

Once it's on your products, the Flower guarantees:

-  Limitation of substances harmful to health and the environment
-  Limitation of toxic residues in fibres and back agents
-  Limited pollutant emissions to water
-  Reduced energy consumption during the production phase
-  User instructions for correct environmental use

It can be awarded to the family of carpets which is defined as floor covering, usually of woven, knitted, or needle-tufted fabric; commonly installed with tacks or staples, or by adhesives. Loose mats and rugs are excluded. It does not apply to wall coverings or that for external use.

### Meet your customers' demand

Consumers are today more sensitive to the protection of the environment. Four out of five European consumers would like to buy more environmentally friendly products, provided they are properly certified by an independent organisation.

With the Flower on your products you offer them a reliable guide to easily identify the good environmental performers available on the market.


Give your textile floor coverings a credible sign of Environmental Excellence...  
Apply for the EU Ecolabel!  
For a quick test use the check list overleaf.


### Did you know that?

The new Regulation on the EU Ecolabel encourages all companies, European and non-European, to apply for the EU Ecolabel for their products or services, providing they meet the relevant product group criteria. Applications can be made to the Competent Body of the country where the products are or will be placed on the market.

Manufacturers should contact the Competent Body in the country from which the product originates, to receive the necessary forms and information on testing procedures. If the product originates from several countries, manufacturers may select the Competent Body of their choice. If the product originates outside the EU, manufacturers should contact a Competent Body in any one of the Member States in which their product is to be or has been placed on the market. Find the list of Competent Bodies [here](#).

### For more information...

... on the scheme, its features, the actors involved, the application process...   
[www.ecolabel.eu](http://www.ecolabel.eu)

... on the "Textile floor coverings" product group: detailed criteria, date of revision...   
[www.ecolabel.eu](http://www.ecolabel.eu)

Choose "Ecolabelled products" on the menu on the left



# Check-list (for a first assessment only)



Textile floor coverings shall be defined as floor coverings, usually of woven, knitted, or needle-tufted fabric; commonly installed with tacks or staples, or by adhesives. Loose mats and rugs are excluded. It does not apply to wall coverings or that for external use.

Life Cycle Step	Criterion	Expectations	Commission Decision 2009/967/EC of November 2009
Materials (Wood and wood-based materials)	Limitation of the use of substances harmful for the environment and health	<ul style="list-style-type: none"> <li>Generic requirements: No substances and preparations containing substances classified as risk R phase according to Directive 67/548/EEC.</li> </ul>	
Materials (textile fibres)	Limitation of toxic residues in fibres	<ul style="list-style-type: none"> <li>Wool treatments: total sum content limitation (recycled fibres and documentarily proved wool or keratin fibres do not apply.):                             <ul style="list-style-type: none"> <li>No more than 0.5ppm: <math>\gamma</math>, <math>\alpha</math>, <math>\beta</math>, <math>\delta</math>- hexachlorocyclohexane, aldrin; dieldrin; endrin; p,p'-DDT; p,p'-DDD; Cyhalothrin; Cybermethrin ; Deltamethrin ; Fenvalerate ; Flumethrin.</li> <li>No more than 2 ppm: Propetamphos, Diazinon, Dichlofenthion, Fenchlorphos, Chlorpyriphos, Chlorfenvinphos, Ethion, Pirimiphos-Methyl, Diflubenzuron, Triflumuron, Dicyclanil.</li> </ul> </li> <li>Polyamide: N2O emission <math>\leq 10</math> g/kg of finished polyamide-6 fibres produced or 50 g/kg of polyamide-6,6 produced.</li> <li>Polyester: antimony <math>\leq 260</math>ppm; VOCs <math>\leq 1.2</math>g/kg.</li> <li>Polypropylene: no lead-based pigments; NOx <math>\leq 12</math>kg/ton PP, SO2 <math>\leq 11</math>kg/ton PP.</li> </ul>	
Materials (Backing agents)	Limitation of toxic residues in backing agents	<ul style="list-style-type: none"> <li>Foam rubber(when latex foam contributes to more than 5% of the total weight):                             <ul style="list-style-type: none"> <li>Extractable heavy metals (in ppm): antimony <math>\leq 0.5</math>, arsenic <math>\leq 0.5</math>, lead <math>\leq 0.5</math>, cobalt <math>\leq 0.5</math>, cadmium <math>\leq 0.1</math>, chromium <math>\leq 1.0</math>, nickel <math>\leq 1.0</math>, copper <math>\leq 2.0</math>, mercury <math>\leq 0.02</math>.</li> <li>VOCs <math>\leq 0.5</math> mg/m<sup>3</sup>.</li> <li>No metal complex dyes based on copper, lead, chromium or nickel.</li> <li>Chlorophenol (salts and esters) <math>\leq 0.1</math> ppm, di-chlorinated phenols (salts and esters) <math>\leq 1</math> ppm</li> <li>Butadiene <math>\leq 1</math> ppm.</li> <li>N-nitrosamines <math>\leq 0.001</math> mg/m<sup>3</sup> as measured with the chamber test.</li> </ul> </li> </ul>	
Materials (Backing agents)	Limitation of the use of substances harmful for the environment and health	<ul style="list-style-type: none"> <li>Foam rubber (only for polyurethane): no use of Organic tin, CFCs, HCFCs, HFCs or methylene chloride</li> <li>No use of Vulcanized foams</li> <li>Formaldehyde <math>\leq 30</math> ppm (EN ISO 14184-1) or <math>\leq 0.01</math> mg/m<sup>3</sup>(chamber test).</li> </ul>	
Manufacturing of all materials	Limitation of the use of substances harmful for the environment and health	<ul style="list-style-type: none"> <li>General material requirements obligatory.</li> <li>No flame retardants containing <math>&gt; 0.1\%</math> of substances classified as carcinogenic, mutagenic, toxic for reproduction and dangerous for the environment according to Directive 67/548/EEC.</li> <li>Plasticizers:                             <ul style="list-style-type: none"> <li>No R50, R51, R52, R53, R60, R61, R62 according to Directive 67/548/.</li> <li>Phthalates must be risk assessed.</li> <li>No DNOP, DINP, and DIDP.</li> </ul> </li> <li>No use of APEOs, LAS, DTDMAC, DSDMAC, DHTDMAC, EDTA and DTPA .</li> <li>Dyes:                             <ul style="list-style-type: none"> <li>No azo dyes that cleave to a list of aromatic amines.</li> <li>No dyes that are carcinogenic, mutagenic or toxic to reproduction.</li> <li>No potentially sensitizing dyes.</li> <li>No Pb, Cd, Hg or chromium or Cr(VI), total heavy metal <math>\leq 100</math> mg/k.</li> </ul> </li> </ul>	
Manufacturing of all materials	Reduction of water pollution	<ul style="list-style-type: none"> <li>Greasy wool: COD <math>\leq 60</math> g/kg, 75% reduction of COD, off-site treatment. If on-site treatment, COD <math>\leq 45</math> g/kg, <math>6 &lt; \text{pH} &lt; 9</math> and <math>T &lt; 40^\circ\text{C}</math>.</li> <li>Wastewater from wet-processing: COD <math>&lt; 20</math>g/kg. If on-site treatment, <math>6 &lt; \text{pH} &lt; 9</math> and <math>T &lt; 40^\circ\text{C}</math>.</li> <li>Detergents, fabric softeners and complexing agents: at least 95% by weight degradable or eliminable.</li> <li>Metal complex dyes: less than 7% (20% if cellulose dyeing) of each metal complex dyes applied before treatment.</li> <li>Cu <math>\leq 75</math> mg/kg; Cr <math>\leq 50</math> mg/kg; Ni <math>\leq 75</math> mg/kg after treatment.</li> </ul>	
Manufacturing of all materials	Energy consumption	<ul style="list-style-type: none"> <li>Scoring point <math>\leq 8</math> for synthetic I carpets (calculated as indicated in a Technical Appendix).</li> </ul>	
Use and end of life	Limitation of release of dangerous substances	<ul style="list-style-type: none"> <li>Total organic compounds within the retention range C6 – C16 (TVOC) <math>\leq 0.25</math> mg/m<sup>3</sup> air, C16-C22 <math>\leq 0.03</math> mg/m<sup>3</sup> air. Total VOC without LIC11 <math>\leq 0.05</math> mg/m<sup>3</sup> air.</li> </ul>	
Use	Consumer information for environmental use	<ul style="list-style-type: none"> <li>Recommendations for the use and maintenance of the product.</li> <li>Indication of the route of recycling or disposal.</li> <li>Information on the EU Ecolabel.</li> </ul>	
Use	Performance	<ul style="list-style-type: none"> <li>The product shall be fit for use. Evidence may include data from appropriate ISO, CEN or equivalent test methods.</li> </ul>	

Your Competent Body will inform you which assessment and verification documents are required (e.g. declarations of compliance, MSDS of ingredients), which test results must be provided and how the testing should be carried out (external test laboratories).

To market your ecolabelled products use our free Green Store:  
Go to [www.ecolabel.eu](http://www.ecolabel.eu) and click on the 'Green Store' at the top right of the page.

