

# ISO 14001

# CERTIFIKAT

SP är ett av SWEDAC ackrediterat organ för certifiering av miljöledningssystem  
*SP is a Certification Body, accredited by SWEDAC, for certification of eco management systems*



## CERTIFICATE nr/no. 2133 M

Härmed intygas att:/This is to certify that:

# LAMMHULTS MÖBEL AB

har ett miljöledningssystem som uppfyller kraven enligt SS-EN ISO 14001:2004 vad gäller:  
*has an eco management system that fulfils the requirements of SS-EN ISO 14001:2004 with respect to:*

**Utveckling, tillverkning och marknadsföring av möbler för företag och organisationer**  
*Development, manufacture and marketing of furniture for companies and organisations*

Certifikatet är giltigt till och med 31 december 2009 och utfärdades ursprungligen 15 oktober 1998 gentemot SS-EN ISO 14001:1996. Ytterligare information finns på [www.sp.se](http://www.sp.se).  
*This certificate is valid until and including 31<sup>st</sup> December, 2009 and was originally issued 15<sup>th</sup> October, 1998 in compliance to SS-EN ISO 14001:1996. Further information can be seen at [www.sp.se](http://www.sp.se).*

Borås den 14 december 2006/14<sup>th</sup> December, 2006

**SP Sveriges Provnings- och Forskningsinstitut**  
*SP Swedish National Testing and Research Institute*  
Certifiering - Certification

  
Lennart Månsson





# ISO 9001

# CERTIFIKAT

SP är ett av SWEDAC ackrediterat organ för certifiering av ledningssystem för kvalitet  
*SP is a Certification Body, accredited by SWEDAC, for certification of quality management systems*



## CERTIFICATE

nr/no. 2133

Härmed intygas att:/This is to certify that:

# LAMMHULTS MÖBEL AB

har ett ledningssystem för kvalitet som uppfyller kraven enligt SS-EN ISO 9001:2008 vad gäller:  
*has a quality management system that fulfils the requirements of SS-EN ISO 9001:2008 with respect to:*

**Utveckling, tillverkning och marknadsföring av möbler och inredningsprodukter  
för företag och organisationer**

*Development, manufacture and marketing of furniture and furnishing products  
for companies and organisations*

Certifikatet är giltigt till och med 6 februari 2015 och utfärdades ursprungligen  
6 februari 2012. Ytterligare information finns på [www.sp.se](http://www.sp.se).  
*This certificate is valid until and including 6 February, 2015 and was originally issued  
6 February, 2012. Further information can be seen at [www.sp.se](http://www.sp.se).*

Borås den 6 februari 2012/6 February, 2012

**SP Sveriges Tekniska Forskningsinstitut**  
*SP Technical Research Institute of Sweden*  
Certifiering - Certification

Lennart Månsson

Detta är en avskrift av  
originalcertifikatet  
utförd av SP./ This is  
a duplicate of the  
original certificate  
issued by SP.



# ENVIRONMENTAL PRODUCT DECLARATION CARE INSTRUCTION



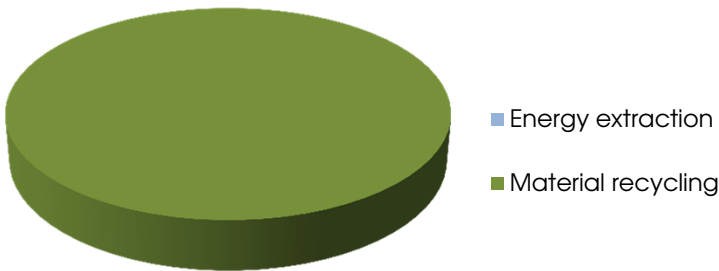
**PRODUCT:** Campus Air

**MODEL:** Armchair

**DIMENSTIONS:** Width 56 cm  
Depth 49 cm  
Height 76 cm

MATERIAL	SPECIFICATION	Weight (gr)	%	Recycling instruction
Wood / Woodbased materials			0,00%	
Metal	Stand: Low alloy steel tube, dia. 16 mm. Screw. Pop rivet.	2 900	61,51%	Material recycling
Plastic	Seat, back and armrest: PA6 Polyamide, glass fibre reinforced. Seat 15%. Back 30%. Armrest 30%. 970+660+130 gr. Glides / Stack protectors: Polyethene	1 760	37,33%	Material recycling
Glue			0,00%	
Padding material			0,00%	
Upholstery			0,00%	
Surface treatment, wood			0,00%	
Surface treatment, metal (customer selected)	Powder coating och chromium plating	55	1,17%	Material recycling
Other materials			0,00%	
Total weight		4 715	100,00%	
Packaging	Corrugated cardboard 2,000 g. Corrugated cardboard interlayers 600 g. Corrugated cardboard top sheet 160 g. Plastic tube 12 g. Foam 20 g. Plastic cover 112 g. Plastic strip 22 g.	2 926		Material recycling Energy extraction

Recycling of the product



## PRODUCTION PROCESS AND ENERGY CONSUMPTION

- There are no emissions to air, water or ground during the manufacturing of this product.
- Lammhults premises are heated with locally produced central heating.
- Lammhults uses eco-labeled electricity (hydropower).
- Lammhults pre-separate all waste material in our premises. 40% of the waste material is recycled, 60% is used for energy extraction.



## PRODUCT LIFESPAN

- This piece of furniture is designed for a long life. Maintain the product according to the care instruction.
- Lammhults offers reconditioning and replacement of worn-out components.
- When the piece of furniture has served its time, the components can be separated and sent to material recycling or energy extraction.

## ENVIRONMENTAL ASPECTS OF THIS PRODUCT

- The plastic material contains no substances of concern for health or environment.
- Chromium plating uses chrome III. The powder coating contains no substances of concern for health or environment.

## CARE INSTRUCTION

### CLEANING AND MAINTAINING CAMPUS AIR SEAT AND BACK

#### *LIGHT SOILING – DAILY CLEANING*

- Soak a clean cloth in water and all-purpose cleaner, soap or washing-up liquid.
- Wring out and wipe surface.
- Dry with a clean, dry cloth.

#### *HEAVY SOILING – MAJOR CLEANING*

- Remove loose dirt.
- Soak a clean cloth in water and all-purpose cleaner. Wring out.
- Put all-purpose cleaner on the damp cloth and wipe so that all the dirt is removed.
- Soak a clean cloth in clean water, preferably with a little ethanol solution or window cleaning fluid in, and wipe surface.
- Wipe dry with a clean cloth.

#### *REMOVING PEN AND PENCIL MARKS*

- Use thinner to remove pen marks and an eraser to remove pencil marks.

### CLEANING AND MAINTAINING CHROMATED OR POWDER COATED SURFACES

- Dampen a clean cloth with window cleaning fluid.
- Wipe the surface.
- Dry with a clean, dry cloth.

## THIS PRODUCT IS TESTED ACCORDING TO FOLLOWING STANDARDS

- EN 15373:2007 Furniture - Strength, durability and safety - requirements for non-domestic seating, level 2.
- EN 12720:2009 Furniture - Assessment of surface resistance to cold liquids.
- SIS 83 91 17:1973 Furniture and fittings for housing. Determination of surface resistance to scratches.
- EN ISO 105-E04:2008 Tests for colour fastness - Part E04: Colour fastness to perspiration.

*Lammhults develops and markets modern furniture of international design for companies with high demands on quality and design. We cooperate with some of the leading contemporary furniture designers. What we accomplish together shall be elegant, effective and eco-friendly. Lammhults is part of Lammhults Design Group.*

# ENVIRONMENTAL PRODUCT DECLARATION CARE INSTRUCTION



**PRODUCT:** Campus  
**MODEL:** Chair  
**DIMENSTIONS:** Width 47 cm  
Depth 49 cm  
Height 76 cm

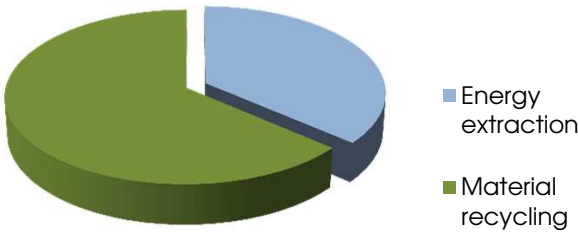
MATERIAL	SPECIFICATION	Weight (gr)	%	Recycling instruction
Wood / Woodbased materials	Seat and back: Plywood, beech, birch, oak or walnut veneer 9.5 mm	1 628	35,74%	Energy extraction
Metal	Stand: Steel tube 16 mm. 2 840 g. Screw 3 g. Pop rivet 8 g.	2 851	62,59%	Material recycling
Plastic	Glides 7 g. Stacking protectors 8 g.	15	0,33%	Material recycling
Glue	Polyurethane glue	5	0,11%	Energy extraction
Padding material			0,00%	
Upholstery			0,00%	
Surface treatment, wood	Clear varnish or stain in various colours	20	0,44%	Energy extraction
Surface treatment, metal (customer selected)	Powder coating or chromium plating	36	0,79%	Material recycling
Other materials			0,00%	
Total weight		4 555	100,00%	
Packaging	Corrugated cardboard 2,760 g. Plastic tube 12 g. Foam 20 g. Plastic cover 112 g. Plastic strip 22 g.	2 926		Material recycling Energy extraction

## LABELING

The product is labeled according to the Swedish reference system for furniture Möbelfakta



## Recycling of the product



## PRODUCTION PROCESS AND ENERGY CONSUMPTION

- There are no emissions to air, water or ground during the manufacturing of this product.
- Lammhults premises are heated with locally produced central heating.
- Lammhults uses eco-labeled electricity (hydropower).
- Lammhults pre-separate all waste material in our premises. 40% of the waste material is recycled, 60% is used for energy extraction.



## PRODUCT LIFESPAN

- This piece of furniture is designed for a long life. Maintain the product according to the care instruction.
- Lammhults offers reconditioning and replacement of worn-out components.
- When the piece of furniture has served its time, the components can be separated and sent to material recycling or energy extraction.

## ENVIRONMENTAL ASPECTS OF THIS PRODUCT

- All wood-based materials come from FCS- or PEFC certified forests.
- Formaldehyde emissions from veneers fulfil E1 Norm ENV 717-1.
- Surface treatment of wooden components is done with water-based varnish or stain.
- Chromium plating uses chrome III. The powder coating contains no substances of concern for health or environment..

## CARE INSTRUCTION

### CLEANING AND MAINTENANCE OF FURNITURE THAT HAS BEEN TREATED WITH WATERBASED VARNISH OR STAIN

- Your piece of furniture is treated with a waterbased clear varnish or stain.
- It may be necessary to clean it regularly in order to maintain its beautiful surface.
- Use a damp cloth and a very gentle cleaning agent. Do not allow moisture to remain on the surface. Wipe off with water and wipe dry with a soft cloth.
- NB! Do not use scouring agents or other substances that contain abrasives. Do not use cleaning agents that contain ammonia.

### CLEANING AND MAINTAINING CHROMATED OR POWDER COATED SURFACES

- Dampen a clean cloth with window cleaning fluid.
- Wipe the surface.
- Dry with a clean, dry cloth.

## THIS PRODUCT IS TESTED ACCORDING TO FOLLOWING STANDARDS

- EN 15373:2007 Furniture - Strength, durability and safety - requirements for non-domestic seating, level 2.
- EN 12720:2009 Furniture - Assessment of surface resistance to cold liquids.
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De Projectinrichter