

ENVIRONMENTAL PRODUCT DECLARATION CARE INSTRUCTION

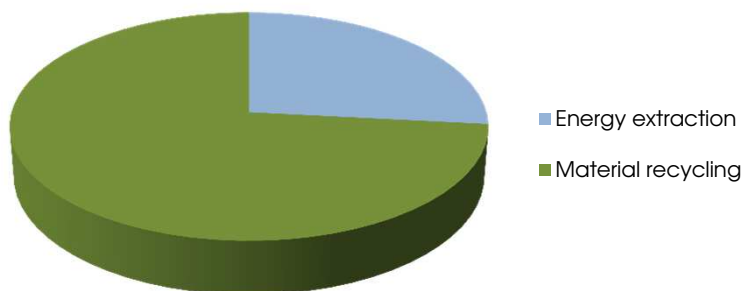


PRODUCT: Spira
MODEL: Armchair, upholstered
DIMENSTIONS: Width 55 cm
 Depth 56 cm
 Height 83 cm

LAMMHULTS

MATERIAL	SPECIFICATION	Weight (gr)	%	Recycling instruction
Wood / Woodbased materials	Back: Moulded plywood birch veneer (tapered shape)	1 200	17,35%	Energy extraction
Metal	Stand: Steel tubing dia. 18x2 mm. Spring steel to back dia. 9 mm 2,215 g. Screw 6 g. Blind rivet 10 g	3 200	46,28%	Material recycling
Plastic	Seat: Polypropylene 1,800 g. Glides IFS 10 degrees / 5 degrees Polyethene 10 g. Stack protectors 8 g, Cover sleeve Polyethene 18 g	1836	26,55%	Material recycling
Glue	Polyurethane adhesive, waterbased textile adhesive	13	0,19%	Energy extraction
Padding material	Flexible moulded polyurethane foam seat/back	264	3,82%	Energy extraction
Upholstery	Textile or leather	220	3,18%	Energy extraction
Surface treatment, wood			0,00%	Energy extraction
Surface treatment, metal (customer selected)	Powder coating or chromium plating	36	0,52%	Material recycling
Other materials	Armrest Woodfibre (60% polyethene, 40% wood)	146	2,11%	Energy extraction
Total weight		6 915	100,00%	
Packaging	Corrugated cardboard 2,600 g. Corrugated cardboard interlayer 600 g. Plastic tube 12 g. Foam 20 g. Plastic bag 112 g. Plastic strip 22 g.	3 366		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

- All wood-based materials come from FCS- or PEFC certified forests.
- Formaldehyde emissions from veneers fulfil E1 Norm ENV 717-1.
- Chromium plating uses chrome III. The powder coating contains no substances of concern for health or environment.
- The plastic seat is made out of recycled polypropylene.
- The polyurethane foam does not contain any flame retardants. We offer CMHR foam on request.

CARE INSTRUCTION

CLEANING AND MAINTENANCE OF TEXTILE / LEATHER

- Textile or leather is a customers choice and varies in material, quality etc. We therefore refer to the supplier of the used textile or leather.

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.
- EN 1021-1:2006 Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source smouldering cigarette

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.