

Polly Chair Environmental Product Summary



Environment Attributes

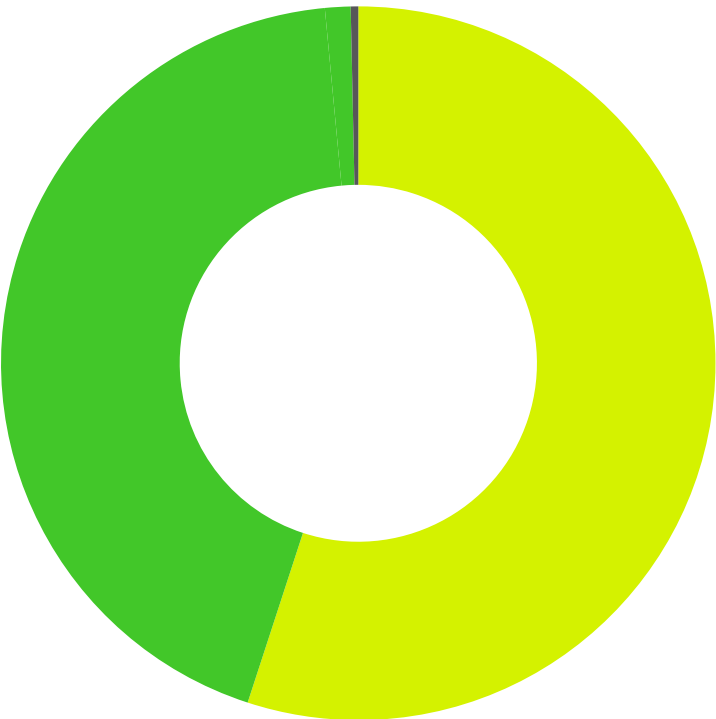
- naughtone is **FISP** and **ISO14001** certified
 - naughtone is **FSC®certified**
 - **6.9kg** total weight
 - **100% Recyclable** (shell, frame, fixings)
 - **33.8% Recycled Content** (frame, fixings)
 - **Indoor Advantage™ Gold** ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e-3-2014e (Credits 7.6.1, 7.6.2, 7.6.3)
 - **Health Product Declarations** (HPD) reports available
- These attributes can help you to achieve criteria towards **LEED**, **BREEAM**, **Ska** and **WELL** building certifications



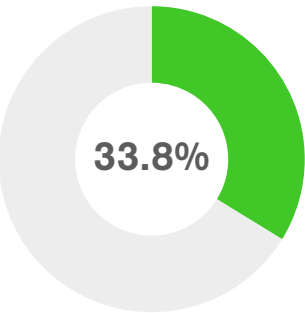
Polly Chair Environmental Product Summary

Material Percentage Split

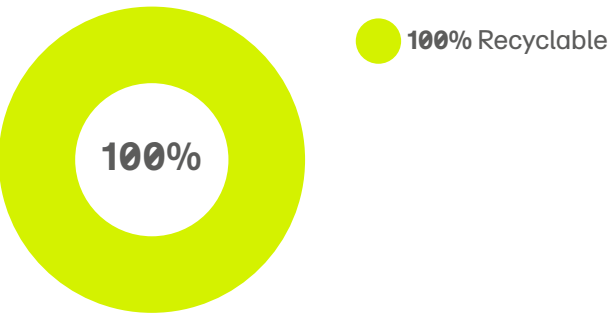
- **55.01%** Mild Steel
- **44.65%** Polypropylene
- **0.34%** Stainless Steel



Post Consumer Recycled Content



Recyclable Content



Product Specific Design Statement

The **Polly chair** is available in a range of finishes but for the purpose of this document we have a specific example from the range:

Polly Chair with 4 leg base

The Polly chair shell is injection moulded in 30% glass fibre filled polypropylene which is a recyclable material.

Steel inserts (for affixing bases) are screwed into 4 bosses on the underside of the chair; these can be easily turned out to leave an uncontaminated component for recycling.

The Polly chair 4 leg base is machine bent from mild steel tube and finished with a polyester powder coat.

Polypropylene feet are pushed in to the bottom of the chair legs and are easily removed for recycling. The 4 leg base also has 2 x silicon extrusions clipped to the underside of the frame for chair stacking purposes – again these are dry fixed and easily removed for recycling.

The 4 leg base is screwed to the chair shell with 4 x steel screws.

CSR Statement

naughtone has always considered the environment throughout our design and manufacturing process. We understand that as we continue to grow, so does our potential impact on our surroundings. As most of our raw materials are simple, we have great control over their sources, and are proud to be able to offer **FSC®certified** upholstered products and use recycled metals in our table ranges. The addition of our North American manufacturing provision also helps to keep manufacturing miles to a minimum, as our market continues to grow in the USA. Finally, naughtone offers a 'bring back' programme, where the client is able to return the product to our factory, where we will be happy to breakdown and recycle the parts for you.



Polly 5 Star Environmental Product Summary



Environment Attributes

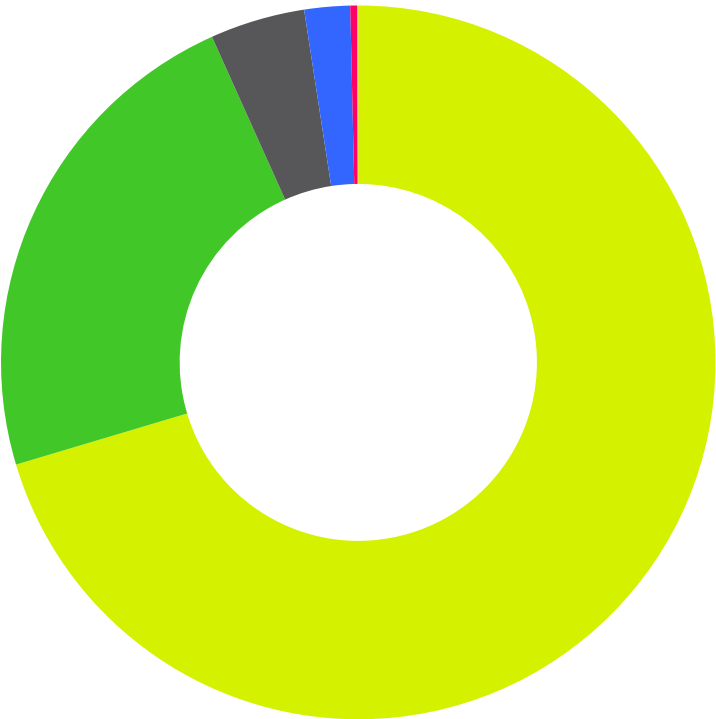
- naughtone is **FISP** and **ISO14001** certified
 - naughtone is **FSC®certified**
 - **11.1kg** total weight
 - **100% Recyclable** (shell, frame, fixings)
 - **38% Recycled Content** (frame, base, arms, fixings)
 - **Indoor Advantage™ Gold** ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e-3-2014e (Credits 7.6.1, 7.6.2, 7.6.3)
 - **Health Product Declarations** (HPD) reports available
- These attributes can help you to achieve criteria towards **LEED**, **BREEAM**, **Ska** and **WELL** building certifications



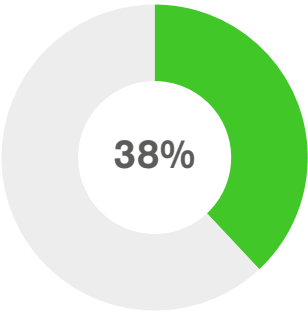
Polly 5 Star Environmental Product Summary

Material Percentage Split

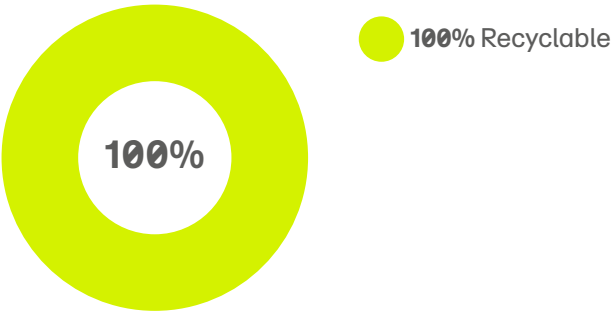
- 70.38% Aluminium
- 22.91% Polypropylene
- 4.29% Mild Steel
- 2.07% Nylon
- 0.31% Stainless Steel
- 0.05% Mild Steel Zinc Plated



Post Consumer Recycled Content



Recyclable Content



Product Specific Design Statement

The **Polly chair** is available in a range of finishes but for the purpose of this document we have a specific example from the range:

Polly Chair on 5 Star Base with Gas Lift

The Polly chair shell is injection moulded in 30% glass fibre filled polypropylene which is a recyclable material.

Steel inserts (for affixing bases) are screwed into 4 bosses on the underside of the chair; these can be easily turned out to leave an uncontaminated component for recycling.

The Polly 5 star base and top plate are made from cast aluminium and are available in either a polished or polyester powder coated finish. The pressure fit castors are removable for ease of recycling.

CSR Statement

naughtone has always considered the environment throughout our design and manufacturing process. We understand that as we continue to grow, so does our potential impact on our surroundings. As most of our raw materials are simple, we have great control over their sources, and are proud be able to offer **FSC®certified** upholstered products and use recycled metals in our table ranges. The addition of our North American manufacturing provision also helps to keep manufacturing miles to a minimum, as our market continues to grow in the USA. Finally, naughtone offers a 'bring back' programme, where the client is able to return the product to our factory, where we will be happy to breakdown and recycle the parts for you.



FSC® certified products available upon request

naughtone offers PEFC certified products

Where sustainable sources are quoted, and a chain of custody is required by a customer this must be indicated on the purchase order to naughtone. A chain of custody requested after an order has been placed or delivered may be difficult to recover.

Figures stated in the Environmental product summary may vary based on model and options selected, we have based this document on a specific example when produced in the United Kingdom. Recycled content calculations are taken from supplier information and industry averages, material variables are likely to affect the figures which may result in higher or lower percentages.

This document will be reviewed and updated periodically and is subject to change without notice.



1 Design

Every aspect of the naughtone product ranges has been designed with the environment considered, from ethical material choice and production efficacy to storage efficiency and ease of disassembly.

Dense foam sets and resilient fabrics are selected for their longevity and effectiveness across sectors. Durable high quality finishes such as powder coated bases in a range of colours allow clients the freedom of finish options. Finish samples are available allowing clients to make informed decisions and retain to add to their finish libraries for future reference.

2 Raw Material

Local supply of raw materials is employed for the production of our products when possible, procured from suppliers that are quality inspected for extraction methods and meet the highest environmental standards.

3 Production

As many of our products are assembled by hand the energy expenditure wasted from machinery during the production process is kept to a minimum.

All fabrics are cut to ensure optimum efficiency with fabric usage and reduced waste consumption per unit.

All production sites have recycling facilities for any excess product that cannot be used elsewhere, which is then managed by a professional third party.

4 Distribution

Distribution of naughtone products generally occurs directly between the manufacturing site to the client. Production is localised when possible to the US or UK regions, reducing the carbon footprint and miles travelled for each product.

Many items are flat packed for delivery or shipped disassembled with efficient, minimised packaging; optimizing the transportation vessel space.

5 Usage

naughtone products do not require energy or water to function, thus no environmental exchange takes place and no waste is generated during the life of the product.

The only foreseeable need is the cleaning of the product for general maintenance. This includes regular vacuuming to remove dirt and dust particles on upholstery items, and using a dry or damp cloth to wipe non-upholstery items.

This is recommended for all products utilised under conditions of normal wear and is expected to have negligible environmental impacts.

6 End of Life

Although our products are durable and demonstrate timeless design, naughtone products are manufactured in such a way that they can be easily disassembled at the end of life and most of the componentry can be either recycled or re-used as applicable.

As a company we are also happy to accept the return of products, to help re-home or recycle furniture or components at the end of the products useful life.

UK Showroom

6 Bakers Yard
Clerkenwell
London EC1R3DD
T: +44 (0)20 389 22 788

US Showroom

Suite 10-110
222 Merchandise Mart Plaza
Floor 10
Chicago IL 60654

naughtone HQ

Knaresborough Tech Park
Manse Lane
Knaresborough HG5 8LF

T: +44 (0) 1423 816 500
E: sales@naughtone.com

www.naughtone.com