

# Technical summary

## Seating testing

Our seating products are designed to meet or exceed all EN performance requirements per **EN16139:2013**, which includes the following tests:

- Seat and back static load test
- Seat front edge static load test
- Vertical static load on back
- Foot rest and leg rest static load test
- Arm sideways static load test
- Arm downwards static load test
- Vertical upwards static load on arm rests
- Seat and back durability test
- Seat front edge durability test
- Leg forward static load test
- Leg sideways static load test
- Seat impact test
- Back impact test
- Arm impact test

## Table testing

Our tables are designed to meet or exceed all EN performance requirements per **EN 15372:2008**, which includes the following tests:

- Edges of top rounded or chamfered, no burrs or sharp edges
- Shall not be possible for load bearing parts to come loose unintentionally
- Shear and squeeze points during use
- Stability under vertical force — Main surface
- Horizontal static load — High
- Vertical static load
- Horizontal fatigue
- Vertical impact for tables without glass
- Drop test

## Storage testing

Our storage units are designed to meet or exceed all EN performance requirements per **EN 16121:2013**, which includes the following tests:

- Accessible parts are rounded or chamfered
- Moveable and adjustable parts shall prevent injuries
- Possibility of parts coming loose
- Shelf retention test - vertical outward and horizontal downward
- Deflection of shelves - 50kg weighted on each shelf
- Strength of shelf supports
- Vertical load on pivoted doors
- Overload test
- Drop test
- Slam shut/open door test

## Flammability

All our foam and filling materials have been tested to meet the following standards:

British standard

**5852:2006 Part 2**

California Technical Bulletin

**CAL 117-2013**

Italian standards

**UNI 9175-CLASS 1.IM**

The flammability standard of the covering fabric is dependent on the choice made by the customer, details of the flammability rating of specific fabrics can be found on supplier's websites listed below.

[www.kvadrat.dk](http://www.kvadrat.dk)

[www.camirafabrics.com](http://www.camirafabrics.com)

[www.butefabrics.com](http://www.butefabrics.com)

[www.panaz.com](http://www.panaz.com)

[www.maharam.com](http://www.maharam.com)

[www.vescom.com](http://www.vescom.com)

[www.ultrafabricsllc.com](http://www.ultrafabricsllc.com)

[www.crestleather.com](http://www.crestleather.com)



## Servicing

If a component is damaged and needs replacing please email our team with an image of the damaged part and reference your order number, we will be happy to facilitate any replacements.



## Warranty

naughtone offers a **5-year** warranty across all products. Details on the terms and conditions of naughtones warranty can be found [here](#)

# Structural testing certifications

Product code	Product Description	BS EN Test Level	BS EN Static load
ALCHBCL	Always chair with cantilever base	BS EN 16139,2013, Level 1	160kg
ALCHBOAK	Always chair with oak plywood base	BS EN 16139,2013, Level 2	200kg
ALCHBSL	Always chair with sled base	BS EN 16139,2013, Level 1	160kg
ALCHBST4	Always chair with 4 steel leg base	BS EN 16139,2013, Level 1	160kg
ALCHBSW	Always chair with swivel base	BS EN 16139,2013, Level 1	160kg
ALLOBOAK	Always lounge chair with oak plywood base	BS EN 16139,2013, Level 1	160kg
ALLOBSW	Always lounge chair with swivel base	BS EN 16139,2013, Level 1	160kg
BOUCH	Bounce chair	BS EN 16139,2013, Level 1	160kg
CLOP2HST	Cloud 2 seat sofa with high plain back with straight steel legs	BS EN 16139,2013, Level 1	160kg
CLOQ2HST	Cloud 2 seat sofa with high quilt back with straight steel legs	BS EN 16139,2013, Level 1	160kg
CLY22A	Clyde Clyde club 2 seat with 2 arms on a stainless steel sled base	BS EN 16139,2013, Level 1	320kg
CONLO	Construct low stool	BS EN 16139,2013, Level 2	200kg
DAL850DL	Dalby coffee table	BS EN 15372,2008, Level 2	120kg
FLD850D	Fold 850dia cafe table	BS EN 15372,2008, Level 2	120kg
HAT12A	Hatch armchair	BS EN 16139,2013, Level 1	160kg
HAT2LA	Hatch 2 seat sofa left arm	BS EN 16139,2013, Level 1	320kg
HAT3NA	Hatch 3 seat sofa no arms	BS EN 16139,2013, Level 1	480kg
HUSHBSL	Hush chair sled base	BS EN 16139,2013, Level 2	200kg
HUSHBSW	Hush chair swivel base	BS EN 16139,2013, Level 1	160kg
HUSHBWD	Hush chair wooden base	BS EN 16139,2013, Level 1	160kg
POLLYCHB4L	Polly chair on 4 leg base	BS EN 16139,2013, Level 2	200kg
POLLYCHBSL	Polly chair on sled base	BS EN 16139,2013, Level 2	200kg
POLLYCHWD	Polly chair on wood base	BS EN 16139,2013, Level 2	200kg
POLTAB	Pollen table	BS EN 15372,2008, Level 2	120kg
RILEY	Riley table in oak	BS EN 15372,2008 LEVEL 1	100kg
RYMENDA	Rhyme end A	BS EN 16139,2013, Level 1	160kg
SYM12A	Symbol armchair	BS EN 16139,2013, Level 1	160kg
SYM2LA	Symbol 2 seat sofa left arm	BS EN 16139,2013, Level 1	320kg
SYM3NA	Symbol 3 seat sofa no arms	BS EN 16139,2013, Level 1	480kg
SYM90D	Symbol 90 degree curve seat	BS EN 16139,2013, Level 1	320kg
TRA600D	Trace coffee table	BS EN 15372,2008, Level 2	120kg
VIVBSSL	Viv barstool on sled base	BS EN 16139,2013, Level 1	160kg
VIVBSWD	Viv wood barstool	BS EN 16139,2013, Level 1	160kg
VIVCHSL	Viv chair on sled base	BS EN 16139,2013, Level 1	200kg
VIVCHWD	Viv wood chair	BS EN 16139,2013, Level 1	160kg
VIVLOSL	Viv lounge sled base	BS EN 16139,2013, Level 1	200kg
VIVLOWD	Viv wood lounge chair	BS EN 16139,2013, Level 1	160kg

# Environmental summary

## 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.



## Environmental certifications

- naughtone is **FISP** (Furniture Industry Sustainable Programme) certified  
FISP is established as the industry forum that measures an organisation against all environmental and sustainable issues. Focusing on not just environmental issues, but also purchasing, end of product life, social and community issues. FISP audited our organisation to prove our growing commitment to improve Environment management systems, waste management, charitable work/donations, workforce development and training and energy management/production efficiencies.
- naughtone is **ISO14001** Environmental management certified  
ISO 14001 provides us as with the guidance on the implementation, maintenance and improvement of a robust, credible and reliable environmental management system. The system helped manage our environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability. To become ISO14001 certified we had to show our commitments to waste management, limit energy consumption, we also had to show how we design for the environment, engage in staff environmental incentives and contribute to our community with charitable donations.
- naughtone is **FSC® certified**  
**FSC®** set the standards for forest management and chain of custody certification to prove sustainable sourced timber.
- **SCS 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)  
There are 2 main third party environmental companies, SCS and GREENGUARD, that both have the ability to audit and certify to ANSI/BIFMA Standard Method M7.1 and ANSI/BIFMA e3 standard 7.6.1, 2 and/or 3, Standard Method 01350, and Standard Method 01350 Classroom. Both testing methods measure volatile organic compound (VOCs including aldehydes) emissions from office furniture and seating.  
Indoor Advantage™ Gold is SCS highest possible accreditation.  
Definitions: ANSI - American national standard institute. BIFMA – Business institutional furniture manufacturers association. BIFMA is an ANSI Accredited Product Certification Body. SCS is the environmental auditor who test against the standards set by BIFMA.
- We internally audit and measure our products post/pre consumer recycled content and recyclable content, information on product specific material content can be found on our product specific Environmental Product Summaries available through our website.  
These attributes can help you to achieve criteria towards **LEED, BREEAM, Ska** and **WELL** building certifications



### 1 Design

Every aspect of the naughtone product ranges have 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; and durable high quality finishes such as powder coated bases in a range of colours allow clients the freedom of finish options. Of which samples are available allowing clients to make informed decisions and retain samples in 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 the 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.

