

FOUR CAST FOUR

FOUR
DESIGN



Design
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UK-01-2014

Description:

Multipurpose chair for offices, meeting- and conference rooms, home offices etc, turnable with a 4-star base of aluminium, with tilt, optional armrest, gaspedestal, 5-starbase with castors or polyamide glides.

The tilt-mechanism consists of a fixed part and a flexible part, which moves across a transverse axis. Blocks of natural rubber ensure a soft tilt. The tilt-mechanism adds flexibility and comfort to the chair.

Four Cast One is a member of the Four Design family, which ensures a clear design line in the interiors.

Design: Strand+Hvass

Dimensions:

	with armrest w/o castors	w/o armrest, w/o castors	with armrest, + castors	with armrest fully upholstered +castors +gaslift
Depth:	57 cm	55 cm	71 cm	71 cm
Width:	53 cm	53,5 cm	72 cm	72 cm
Seat height:	47 cm	47 cm	47 cm	46-53 cm
Height:	83 cm	83 cm	83 cm	83-90 cm
Weight:	8,7 Kg	7,8 Kg	9,8 Kg	9,8 Kg

Materials:

Polyshell:

PA 6, glassfibre reinforced (15%), recyclable.

Meets the RoHS and REACH directives and are halogenfree.

Can be delivered in a 100% recycled material (colour: black).

Colours: Ebony (Black) NCS S9000-N, Snow (white) RAL 9010, Anthrazite RAL 7016, Indian Orange NCS S2070-Y70R, Olive NCS S2040-G80Y, Oriental Red NCS S1580-R, Purple Sky (Lilac) NCS S6030-R40B, Aqua (Blue) NCS S4020-B und Jungle (Green) NCS S4050-G40Y. Other colours on request (RAL and NCS).

Due to its materials (PA and fiberglass) and slim design (4.7-12.8 mm) the poly shell is flexible and thus offers the user increased seating comfort. The shell is ergonomically shaped, rests on rubberplates, and is very hard to break or scratch. Furthermore, the shell is fully recyclable.

The shell is load-tested up to 112 Kg.

Upholstered shell:

The upholstery shell consists of 9 layers birch veneer (thickness: 10.5mm), glue SABA Activator 3739, Aquabond RSD 3801 blue.

The shell offers the user high seating comfort thanks to its special ergonomic design (V-shape in seat and back), which perfectly supports the body.

Load tested up to 112 kg.

Upholstery foam (fully and seat upholstered):

Type CMHR-65H. Complies with the REACH and RoHS directives, and The Furniture and Furnishings (Fire) (Safety) Amended Regulations 1989 Schedule 1, Part 1. Will meet the requirements of BS5852 (1990) for a crib 7 ignition source when tested as a composite with a good quality fabric. Foam thickness: Seat upholstery: 15mm. Fully upholstered: 20mm (seat) - 10mm (back).

Frame:

Starbase: Aluminium ADC-12

Rockerbox (to cover the tilt mechanism): Aluminium ADC-12

Tube: Galvanised steel \varnothing 40mm/Aluminium \varnothing 48mm

Gaslift: Steel 37 / DIN 4550

Castors: EN 12529

Armrest:

Steel 37, tube \varnothing 14 mm x 2 mm x 6100 EN 10305-3 F220, Chrome (Chrome III). With leather inlay.

Options:

- Armrest
- Returnfunction
- Feltglides
- Griphole for easy handling (Polysshells)
- 5-star base of aluminium with castors
- Gaslift
- Frame in structure lacquer (hvid RAL 9010 eller sort RAL 7021)

Tests:

DS/EN13761: EN 13761 - Office furniture - visitors chairs

With 4-star base:

EN 1729-1 Furniture - Chairs and tables for educational institutions - Part 1: Functional dimensions.

EN 1729-2 Furniture - Chairs and tables for educational institutions - Part 2: Safety requirements and test methods.

Poly shells/fire retardent tests:

-CAL-133 (California Technical Bulletin),

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

Polysshells: ZEK / 01.2-08, Testing and Validation of Polycyclic Aromatic Hydrocarbons (PAH).

All products from Four Design are PVC-free.

**Separation /
recycling of
individual parts:****In general**

Separate the chairs into parts, frame and shell.

No parts in a Four Designs chair can cause damage to health or environment.

Frame

Gaslift: Contains gas and oil and must be disposed of in accordance with regulations

The base is glass-fiber reinforced PA6, which is fully recyclable.

Lacquered frames are treated with a paint classified as not dangerous according to directive 1999/45/EF. Nothing in the paint is classified as hazardous to the health or to the environment

Poly shells

The poly seat shell PA6 glassfibre reinforced can be recycled. The shell will be granulated and reused in new seat shell production.

Upholstered shells

Veneer shells: Can be recycled and used for new chairs.

Foam: Can be recycled and reused for new foam products.

Upholstery: Is not recyclable, must be disposed of in the incinerator.

Environment:

We are aware of our environmental responsibilities. We strive towards a minimal burden in the internal and external environment. The internal environment is evaluated through a careful examination of components and materials used in the production manufacturing processes. The external environment is monitored through laws and regulations.

It is important to Four Design that our suppliers abide to the environmental laws regarding production and handling of waste materials. It is our goal to always use environmentally friendly raw materials.

Four Design A/S can document our commitment to the environment. We have been awarded the Miljøforum Fyn's Environment Diploma in 2010 and obtained ISO14001 certificate in 2011.

Warranty:

Four Design provides an extended warranty of 5 years on all products in our official price list. The warranty covers breakage of frames and damage occurred because of deficient craftsmanship performance under normal use.

The warranty shall lapse if the product shows signs of mishandling abuse or other physical damage. The warranty does not cover those parts of the product which are exposed to abrasion during use.

Maintenance:

Kindly read our Maintenance Guide.