





Polar

Designer: Pearson Lloyd  
Year: 2006

Polar is a seating system inspired by the icebergs of the northern seas. Its components all feature solid volumes and oblique lines, which can be combined to create sofas and armchairs, with or without backrests. Versatile, cosy and aesthetically striking, the system is perfectly complemented by Polar coffee table.

Developed by Tacchini in Italy

Dimensions (cm)

Cod. OPOL107	Cod. OPOLP107	Cod. OPOLA234	Cod. OPOLAP234	Cod. OPOLB234	Cod. OPOLBP234
W 107 D 81.5 cm H 67 cm Seat H 37 cm	W 107 D 81.5 cm H 37 cm Seat H 37 cm	W 234 D 107 cm H 73 cm Seat H 37 cm	W 234 D 107 cm H 37 cm Seat H 37 cm	W 234 D 107 cm H 73 cm Seat H 37 cm	W 234 D 107 cm H 37 cm Seat H 37 cm
Cod. OPOLC234	Cod. OPOLCP234	Cod. OPOLD234	Cod. OPOLDP234	Non-removable covers	CAD Files: 3D (.dwg, .3ds) 2D (.dwg)
					Download CAD files at <a href="http://tacchini.it/en/downloads">tacchini.it/en/downloads</a>
W 234 D 107 cm H 73 cm Seat H 37 cm	W 234 D 107 cm H 37 cm Seat H 37 cm	W 234 D 107 cm H 73 cm Seat H 37 cm	W 234 D 107 cm H 37 cm Seat H 37 cm		

---

**Materials description****Internal frame**

Seat frame: poplar plywood 18mm thick with elastic belts, with fiberboard timber lateral frame.

Back frame: cold foam with metal inserts.

**Padding**

Seat: cold foam, with lateral covering with polyurethane foam.

Back: cold foam.

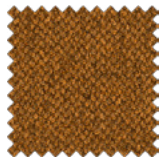
Base: aluminium feet.



Suggested upholsteries



Bakul



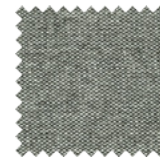
Bamboo



Bopha



Berberis



Bryony



Caladium



Cambria



Carissa



Daiki



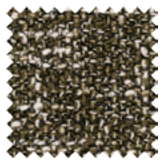
Dianella



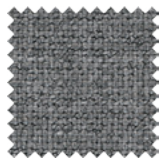
Dulcamara



Erika



Eremurus



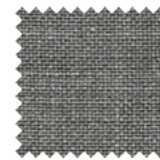
Escallonia



Escobaría



Schinus



Thesium



Guarana

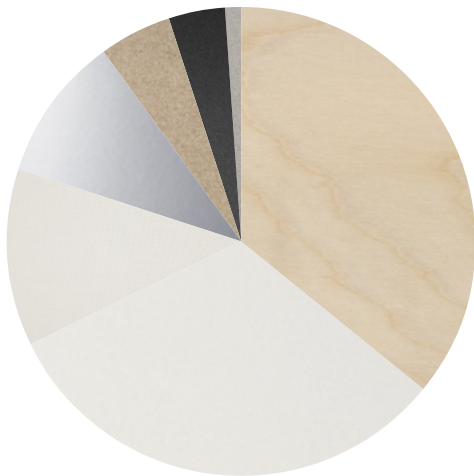


Leather



Aniline Leather

## Materials informations



Poplar plywood	45%
Cold foam	15%
Upholstery	15%
Metal component	12%
Fiberboard timber	10%
Die-cast aluminium	3%

## Polyurethane

Flexible expanded polyurethane is a solid elastic polymeric material with open cell structure. It is a non-toxic material and above all free from ozone-damaging components. Production and processing of the polyurethane we use meet the objectives of the new policy of ensuring the protection of human health and of the environment. We focus in particular on the choice and use of the types of density of polyurethane suitable for preserving over the years the features of load capacity, elasticity and resilience. For products used in public spaces flame-retardant expanded polyurethane is chosen, tested and certified according to international regulations.

## Wood

Wood is a renewable raw material. All products derived from wood, such as for example plywood, have the advantage of being able to be machined more easily than wood and do not deform. The timber we use – solid or plywood – comes mainly from European and Russian forests and is seasoned to specific values of humidity with tests. Most of the structures of the products in the collection have a frame in solid pine or ash, or in beech or poplar plywood.

## Foam

Similar to polyurethane, foam is used for moulding products with special and organic shapes. It is a material which is highly resistant to ageing and flames. Its appearance at the edges is clean, compact. All products made with a foam structure offer a solution with extraordinary comfort.

## Metal

The need to combine complex yet lightweight shapes with resistant materials necessarily involves the use of metals such as steel and aluminium. Products in polyurethane foam are made with an inner steel frame for adding strength to the structure. The bases are in tubular metal which can be chromed with a gloss or satin finish or painted with epoxy powders.

## Recyclability

All Polar elements are 100% recyclable when fully separated. Tacchini undertakes on-going research and development, with efforts made to introduce products which are a perfect combination of function and safety without jeopardizing the final design of the same articles. During production attempts are made to minimize noise and emission levels and to reduce rejects as far as possible. All the single materials which make up the production process, once disassembled, can be reused several times, maintaining a high quality standard.

## Packaging

Polar element is dispatched already assembled. It is protected by tissue paper and cellophane to protect the covering from dust and direct contact with the cardboard. The product is packed in rigid cardboard boxes suitable for world export. Manufacture of the packaging observes the criteria for recovery both as recycling and energy recovery and composting.

Once a product reaches the end of its life cycle it has to be eliminated.

To discover more about Tacchini environmental policy please visit: [www.tacchini.it](http://www.tacchini.it)




---

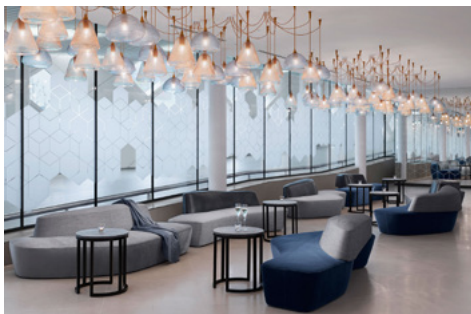
**Pearson Lloyd**

Pearson Lloyd is one of the leading names in contemporary British design, and this multidisciplinary studio works in a wide range of sectors: from furnishing to public spaces to brand development. Established by Luke Pearson and Tom Lloyd in 1997, the studio has received numerous acknowledgements and accolades in both Europe and the United States. The British design duo write regularly for major design magazines, as well as acting as “visiting lecturers” at the École Cantonale d’Art in Lausanne.

---

**Selected projects:**


**Cocomo Hotel**  
(Seoul, South Korea)



**Schiphol Real Estate**  
(Amsterdam, The Netherlands)



**DoubleTree by Hilton**  
(Wroclaw, Poland)



**Svarowski**  
(London, Great Britain)



**Alma Hotel**  
(Barcelona, Spain)



**Musikkens Hus**  
(Aalborg, Denmark)