

# .PLANQ

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

## . Sustainability

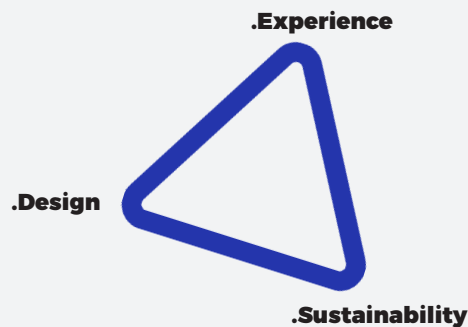


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# **.Sustainability**



**Our mission is simple. Bringing sustainable design furniture in peoples' everyday life. As a experience, but also as a solution for the world of tomorrow.**



## **.Always create harmony**

In everything we do we take the 3 pilers, Experience, Design and Sustainability in mind. In all our work and products we create a harmony between these 3.

## **.A sustainable future**

Planq was founded by twin brothers Anton and Dennis. By bridging the gap between contemporary design and sustainable solutions we create sustainable furniture with the highest quality for a better world of tomorrow.

We achieve this by transforming low-value waste materials into high-end furniture designs, and to make the sustainable products more accessible to everyone.

Since the furniture has a contemporary design, they are durable for any interior and each item tells its own environmentally friendly story. Every decision made now must be formulated with a clear understanding of its impact on the future.

## **.Responsible manufacturing**

We want to create the very best furniture without harming the well-being of future generations. This means we make artisan furniture that will last more than a lifetime.

As Planq we use only raw materials that are renewable, biodegradable or recyclable.

We use only raw materials that are renewable, biodegradable or recyclable. We are also committed to maintaining transparency regarding the materials we use. Despite our high standards, we sometimes have to use raw materials with a negative ecological balance. In addition, we ensure that all materials meet the highest standards with regard to toxic emissions and we therefore continuously work on optimized solutions.

# .Sustainability



## .The collections

Planqs' furniture collections have grown rapidly into complete series, from a sustainable chair to a family with various chairs, bar stools, tables, and cabinets. All collections are designed with a futures perspective, to make design furniture more sustainable. For example, the wood of the furniture is FSC certified and many products have their own material passport; Circular IQ certified.

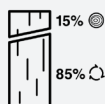
The Reznig collection is mainly characterized by the self-developed composite, made from the various waste materials. The composite, or the so-called PlanqTextile, is used as tabletops, seats, and for the Cubics cabinets. Besides, for the lounge collection, we try to use as many eco-friendly fabrics as possible, which are made from recycled PET and recycled leather. The gym floor tables are also designed from a circular point of view. The tables are made from a 40-year-old gym floor made of solid Iroko wood. With this, Planq shows that a new life can be given to various waste flows by merging it into furniture.

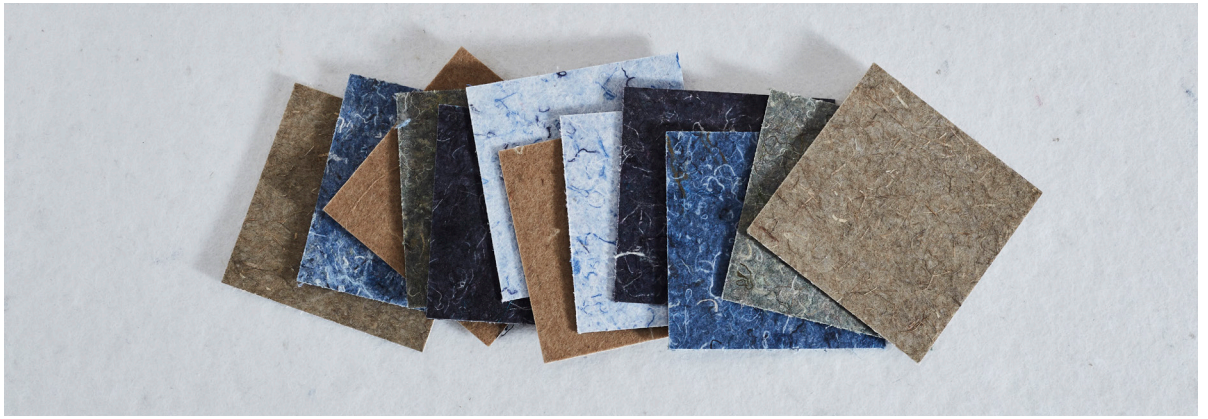
## .Our wood does good

Since our designs are inspired by nature, we believe it is important to respect nature. That is why we choose not to use more wood than planted. That is why all wood is FSC certified. For every item sold, it is possible to donate to [onetreepanted.org](https://onetreepanted.org). With this, we ensure that more trees are planted than we consume. We mainly use solid oak, walnut, and ash wood for our collections. Besides the fact that the wood is FSC certified, as a sustainable company we are also FSC certified. The core materials within the collection of cabinets are selected based on 85% recuperated wood. The remaining 15% consists of residue streams from the wood industry or thinning wood from sustainable forestry, all harvested locally and 100% recyclable.

<https://onetreepanted.org>

**FSC certificate nr. SKH-COC-000581**





## **.PlanqTextile**

We developed our own material; PlanqTextile made of recycled textile and 100% biobased resources. A 100% circular new material innovation created to extend life time and durability. The PlanqTextile has been developed to create high-end materials from both biodegradable materials, such as flax and jute bags, but also textile waste, such as jeans, old army clothes, and suits. Through collaborations with the best partners, we have developed a process to shred the textile into fibres, which are then carded into a felt material. The felt is compressed with a biological binder, through which we create a composite.

## **.CO2 reduction**

We try to keep our furniture kilometers to a minimum by opting for local suppliers whenever possible, most of our suppliers are based in the Netherlands within a range of 200km from our HQ and warehouse. We carefully manage distribution schedules, keeping all warehousing as close to production as possible and ensuring products can be flat packed and nested wherever possible. We clearly choose our suppliers not only on quality and support but also on sustainability and their approach against reducing as much as possible CO2.

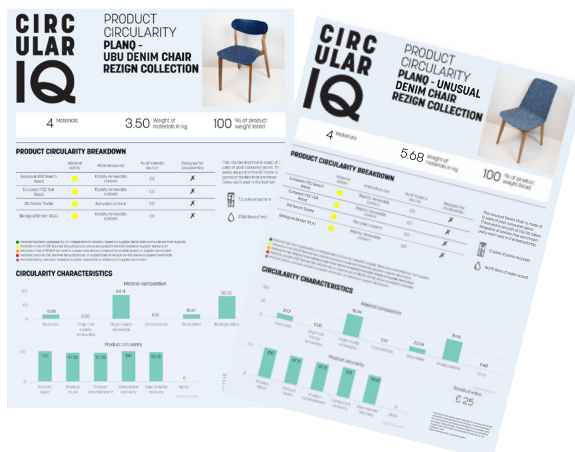
We try to reduce CO2 emissions in as many ways as possible. Also, not only do we try to reduce our CO2 footprint with our products, but within our office as well. Therefore, our office and production contains solar panels so we can run for up to 80% on renewable energy. With this, we want to gradually reduce our CO2 emissions. Our aim is to make a transition to 100% CO2 free by 2025.

## **.Material Passport**

80% of our products have material passport; Circular IQ. In this certificate we display more info and measure our footprint. With this material passport we also can make our reductions and progress visible. To give an example; with 1 Unusual Chair in Denim we reduce 16.275 liters of drinking water, calculated and donated by Made Blue Foundation.

Circular IQ is focused on simplifying and facilitating the circular economy by creating consciousness among companies within the sustainability within their supply chains. The online platform makes performance analysis' based on sustainability data, which can be shared among stakeholders.

Besides material passports we have also committed to the government-wide Circular Economy program entitled 'The Netherlands Circular in 2050' was presented to the Lower House and signed the "Raw Materials Agreement".





## **.Fabrics**

We offer a standard range of fabrics from some of Europe's leading textiles manufacturers. We have selected a range preferred sustainable fabrics in our collections.

These fabrics have been chosen by the next criteria:

- Contain more than 90% renewable fibers.
- Are Cradle to Cradle Certified™, EU Ecolabel, Global Recycled Standard, OekoTex Standard 100, Greenguard Gold certified.
- And contain > 60% recycled fibres.

## **.Filling**

All foam for our chairs and lounge chairs and benches is made from CertiPUR certified foam which contains no heavy metals, no formaldehyde, no PBDE, TDCPP, TCEP or 'Tris' flame retardants, no PCB, nophthalates, no vinyl chloride and has TVOC emissions of less than 0.5 parts per million.

## **.Circular Economy**

As much as possible we are working towards circular practice. In contrast to traditional linear practice (extraction of raw materials, production of goods, distribution, use and end of life), circular practice is inherently regenerative, minimal materials are used, and, having been recovered from closed loops, are kept in circulation without reducing their value. Products themselves are kept in use as long as possible, then, at the end of their lifespan, each component is disassembled and re-used or recycled so that zero landfill is generated. Every Planq product has been designed with ease of repair or refurbishment in mind, replacement parts are available wherever possible and we offer a take back service that sees products rehomed, refurbished or remanufactured and given a new life. We take modularity as a high standard in our products, disassembling of parts will extend the life-time.

We will always aim to use materials with the highest recycled content and well-established recycling streams, to design products with extremely long lifespans, using the most environmentally sensitive materials that will re-enter their respective loops at the end of their life. Wherever possible we will use renewable energy. With our own developed material PlanqTextile we aim to set the standard for new ways of material use and extending life-times. Not only by create products that last longer than a lifetime but also by designing all our products Circular.

