

# Ahrend Qabin Work

## Qabin Work without interior

This product is designed following our circular design strategy derived from the Dutch NPR8313-2 guideline for Circular offices and learning environments. Our circular design strategy focuses on maximizing value of product lifecycles and minimizing raw material extraction.

### Lifetime extension, reuse and recycling

We are committed to keep the environmental footprint of our products as low as possible. With our Circular Hub we make sure that products keep in the cycle for as long as possible. Together we will take care of a sustainable solution.

- › Lifetime extension by repair, maintenance or refurbishment
- › Take back for reuse
- › Reuse parts and/or materials
- › Recycling

### Circular design

- › Product is designed for easy (dis)assembly with standardised tools
- › Modular product design with standardised parts facilitates reuse and adaptability
- › Product (dis)assembly manual available
- › Modular interchangeable components



469,0 kg  
Weight

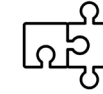
17,45%  
Recycled content\*

99,02 %  
Recyclability\*\*

\* Total percentage recycled content in product based on suppliers' data and market availability. The source of recycled content is both post-industrial and post-consumer.

\*\* The recyclability percentage is the maximum percentage of the product that is recyclable, based on the availability of recycling facilities in the specified region.

Materials	Weight (gr)	% of total	Resource
Steel unalloyed	148.164	31,59	Virgin non-renewable and recycled content
Laminated glass	108.760	23,19	Virgin non-renewable
Wood (Plywood)	42.272	9,01	Virgin non-renewable
Alluminium alloy	33.544	7,15	Virgin non-renewable and recycled content
Polyethylene terephthalate (60%PCR)	25.311	5,40	Virgin non-renewable and recycled content
Polyester (100% PCR)	9.508	2,03	Recycled content
Ethyleen-Propyleen-Dieen-Monomeer	3.289	0,70	Virgin non-renewable
Wool	1.714	0,37	Virgin non-renewable
Cable	1.465	0,31	Virgin non-renewable
Polyester epoxy powder coating	1.300	0,28	Virgin non-renewable
Polyether foam	1.214	0,26	Virgin non-renewable
LED light	1.220	0,26	Virgin non-renewable
Control unit	930	0,20	Virgin non-renewable and recycled content
Acrylonitrile butadiene styrene	796	0,17	Virgin non-renewable
Stainless steel	300	0,06	Virgin non-renewable
Dimmer controler	229	0,05	Virgin non-renewable
Polyamid 6 (100% PIR)	159	0,03	Recycled content
Polypropylene	145	0,03	Virgin non-renewable
Rubber	118	0,03	Virgin non-renewable
Packaging: Wood (plywood)	83.500	17,80	Virgin non-renewable
Packaging: Cardboard	4.300	0,92	Virgin non-renewable
Packaging: Polyethylene low density (70% PIR)	800	0,17	Virgin non-renewable and recycled content
<b>Total</b>	<b>469.038</b>	<b>100%</b>	



Assembly location  
**The Netherlands**



Renewable energy assembly location  
**100%**

## Materials

### Material composition

Ahrend selects its materials following strict criteria when it comes to responsible sourcing, material safety, longevity and the entire lifecycle of a material. Before we choose a material, we first look at material safety of a material, following the cradle-to-cradle philosophy that materials first have to be safe, in order to be circular. We look at minimum impact of material input, by choosing re-used materials over new, virgin materials. We select materials that have a lifespan of more than one economic lifecycle so that the material can be re-used multiple economic lifecycles.

### Material safety

No substances listed on the REACH Candidate list of Substances of Very High Concern (SVHC) have been intentionally added to the homogeneous material or are a known contaminant in the homogeneous material.

### Material selection

- ▶ All our lacquers are powder coated. Powder coating is a (more) sustainable method compared to other methods, that does release any harmful substances and 100% of the pure raw material is used.
- ▶ All wood in this product is responsibly sourced.

## Procurement

When selecting our suppliers, we require our business partners to comply with the same ethical business behaviour with respect for labour-, human- and environmental rights. Ahrend maintains long-term relationships with many of its suppliers, some spanning several decades, which is a key advantage for the further development of products, technologies and materials.

## Production and packaging

The packaging is designed as a flat-pack to minimize transportation volume.

Want to learn more?  
Contact your account manager or visit [www.ahrend.com](http://www.ahrend.com)

