

crona light bar 6308 | 6309 Environmental Policy Statement

Version 1/2017

Corporate philosophy

Environmental policy at Brunner

Through our certification system according to DIN EN ISO 14001, we are fully committed to all economic and ecological requirements for the protection of the environment. For continuous improvement of our processes along the entire value chain - and for operational control, we rely on a TQM system in accordance with DIN EN ISO 9001. And through economical use of precious resources and efficient controls over our production processes, we like to pay maximum attention when it comes to issues affecting our future environment.

Product lifecycle

Product development

Here at Brunner, protection of the environment begins with the development process. Each and every one of our products is constructed according to the principles of using resources carefully. This includes timeless design so our products have a life cycle of many years. Our products are engineered and constructed using parts that can easily be dismantled and recycled or disposed of separately. Important plastic components of our products are therefore labelled systematically.

Materials procurement

We value long standing relationships with our supply partners – most of who are local. Their close proximity to our production facilities in Rheinau reduces long transport routes and energy costs. Furthermore we prefer to cooperate with similarly certified suppliers. We also make sure our materials suppliers comply with the limiting values of the REACH regulation. We will not assume any guarantee for materials provided by our customers to comply with the requirements mentioned above.

Material Input

Wood and wooden composites

In production we focus on the use of wooden composites of ecological and domestic forestry as well as PEFC certified components (Programme for the Endorsement of Forest Certification Schemes). Wooden composites correspond to the emission class E1. Thus they remain clearly below the maximum limits of formaldehyde levels according to DIBt guideline 100.

Metals and metallic surfaces

We only use ecologically harmless materials which do not contain any dangerous or toxic substances such as mercury, cadmium or lead. For our powder coatings we do not use any volatile organic compounds (VOCs) or heavy metals. For the chromium plating of our metallic surfaces we do not use any perfluorated tensides (PFT) that are considered to be carcinogenic.

Plastics

Our plastic components comply with the limit values of the cyclic aromatic hydrocarbons (PAHs). Wherever possible, we do not use any solvents for the production of our plastic components.

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Foams and fabrics

Our upholstery materials are free of formaldehyde (methanal) and physical blowing agents such as CFCs, HCFCs or methylene chloride. Our fabrics and leathers are free of toxic substances such as PCP (pentachlorophenol), PCB (polychlorinated biphenyls) and chrome VI. For the dyeing of our fabrics and leathers we do not use azo dyes, as they are suspected of being carcinogenic. Moreover, all cover materials comply with the limit values of the PAHs polycyclic aromatic hydrocarbons. Our Dover, Rom, Bilbao and Paris cover materials are certified in accordance with eco-tex standard 100.

Waste disposal

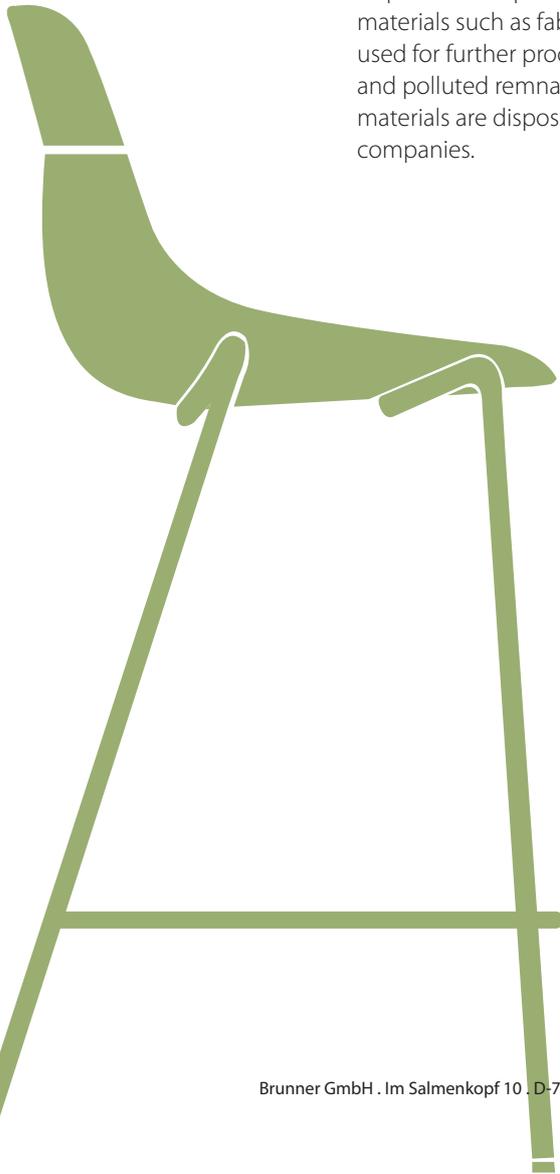
We strictly control the separation, collection and disposal of our production waste materials. Waste materials such as fabric and leather remnants are used for further processing by local buyers. Smaller and polluted remnants as well as other waste materials are disposed of by certified recycling companies.

Packaging and transport

All Brunner products within the Federal Republic of Germany are transported by our own fleet of vehicles. This fleet meets the latest fuel efficiency and emission abatement standards. Optimizing efficient routing and loading of vehicles ensures highly efficient transportation of goods to customers. Transportation within and outside the EU is taken care of by our qualified freight forwarding partners - or by collection by prior arrangement. The packaging of our products is reduced to a minimum and is fully recyclable. 70 % of our cardboard packaging and 100 % of our felt covers are re-used for transport packaging. All other packaging materials, such as plastic foils can be fully recycled.

Usage, separation and waste disposal

We offer our customers readily available spare parts and an in-house repair service. Worn parts can be quickly exchanged - and the majority of our products can easily be upgraded.

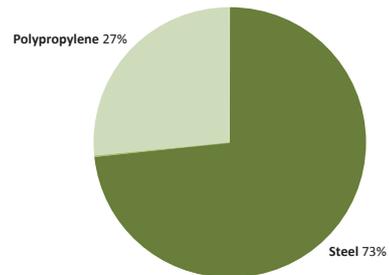


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Model overview recycling contents

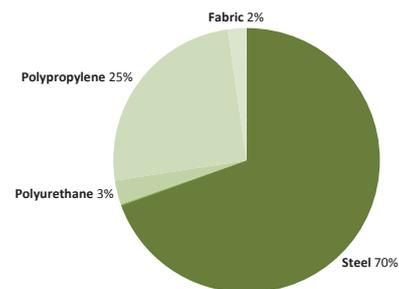
crona light bar 6308, without seat pillow

Total weight: 8,2 kg
Recyclability: min. 98 %*



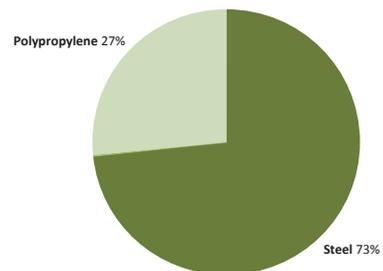
crona light bar 6308, with seat pillow

Total weight: 8,7 kg
Recyclability: min. 95 %*



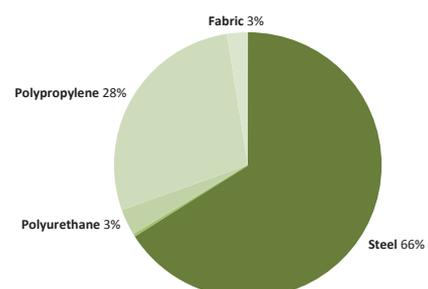
crona light bar 6309, without seat pillow

Total weight: 7,3 kg
Recyclability: min. 98 %*



crona light bar 6309, with seat pillow

Total weight: 7,8 kg
Recyclability: min. 95 %*



* Excluded from the recyclability are adhesives, lacquers, oils as well as lubricating grease. Due to their limited quantity these materials are excluded from the list of materials above. For the overall recyclability an total average weight of 2% can be accounted for.

crona light bar 6308 | 6309 LEED

Brunner & LEED 2009

LEED (Leadership in Energy and Environmental Design) is a green building certification program developed by the U.S. Green Building Council. This system comprises all parts of a building from the construction to the interior. The models 6308 | 6309 of the product family crona light bar support your aim to gain credit points for a successful LEED certification.

Commercial Interiors - Materials and Resources

Punkte

| | | | |
|-------------------|--|---|------------|
| Credit 2 | Construction Waste Management 50 % of packaging waste can be recycled = 1 CP 70 % of packaging waste can be recycled = 2 CP | For packaging of our products we solely use corrugated boards, cartons, fleece covers and air cushion foil. All packaging materials can be fully recycled and reused by our transport and packaging team. | 2 |
| Credit 3.2 | Material Reuse – Furniture & Furnishings 30 % of the furniture can be reused = 1 CP | As our products are very long-lasting it is definitely possible to reuse the furniture for later projects. Worn out parts can easily be replaced, whereby the lifetime of our products increases significantly. | 1 |
| Credit 5 | Regional Materials 20 % local origin = 1 CP + 10 % locally produced = 2 CP | Brunner sources a big part of its components from local producers. The 2nd CP is achieved when the distance of the building project to Brunner's, seated in Rheinau, Germany is less than <800 km; <500 Miles. | 1-2 |
| Sum | | | 4-5 |

Calculation of the Credit Points (CP): Each product can achieve a certain amount of credit points in different categories. The calculation of the recycled content is based on information we receive from our suppliers. All material data given may contain average and reference values. We have no control over changed production processes or fluctuations in material proportions of products delivered by our suppliers. Our data is regularly being checked, validated and updated.



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088 - 650 12 34