

RAUVISIO brilliant Sustainability Statement



Social responsibility

Status quo

- Appreciative working environment
- No low-wage production, exploitation or child labour
- Integration of people with disabilities in the manufacturing of samples (Hochfränkische Werkstätten Hof)
- Attractive remuneration at all locations

Objective

- Proactive implementation of due diligence throughout the entire supply chain (new supply chain law and European directive)



Material composition and structure

- 8% acrylic laminate/balancing sheet
- 92% wooden substrate
- Extremely long-lasting and high-quality furniture component that can withstand heavy-duty use (painted versions are especially tough)
- Higher material layer thickness compared to real painted fronts and therefore highly resistant to ageing
- Certified for quality, suitability for use and regular product monitoring by TÜV Rheinland



Resource-saving packaging, waste prevention

- In general, saving of packaging materials and reduction of polymer content: 98% renewable raw materials, 2% polymer/metal
- Both disposable and reusable packaging is used
- Wherever possible, directly produced waste is returned to production using clever process technologies
- Up to 30% internal return material from production waste is used for the acrylic laminate and up to 43% for the balancing sheet



Quality of being recognized as safe

- No pigments containing lead
- No plasticisers containing phthalates
- No compounds containing chlorine
- No heavy metals
- No halogenated substances (e.g. flame retardants)
- RoHS and REACH conformity
- VOC conformity
- Lower formaldehyde emissions compared to naturally growing wood
- Safety in accordance with RAL-GZ 430, therefore suitable for the manufacture of "Furniture made in Germany" / the "Golden M" quality mark
- MDF boards with emission class E05
- PAH compliance (toy quality)

Our areas of activity



Raw materials from sustainable sources and recycled materials

Proportion of renewable raw materials:

- 92% (MDF substrate)
- Exclusive use of wooden substrate boards made from PEFC-certified, sustainable forestry (certificate available)
- Can be recycled once polymer components are separated from wooden substrate boards
- MDF recycling processes (e.g. return to board production process)



Supplier components/raw materials

- Acrylic laminate: UV lacquer, PMMA, styrene copolymer
- Balancing sheet: recycled acrylic laminate, PMMA, styrene copolymer
- Adhesive (PUR hot melt)
- Wooden substrate (MDF)



Energy efficiency and conservation of resources

- 100% of the electricity used for the pressing of our RAUVISIO brilliant composite furniture boards in Germany comes from renewable energy sources



The calculations are based on a pressed board.
For more information about RAUVISIO brilliant, visit www.rehau.com/brilliant