

RAUVISIO crystal

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

Target

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



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
- 75% of internal return material from production waste is used in balancing sheets
- Processing also produces 20% less scrap in comparison to real glass



Health and safety

- 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



Material composition and structure

- 21% glass laminate/balancing sheet
- 79% wooden substrate
- Made for eternity: extremely long-lasting and high-quality furniture component that can withstand heavy-duty use
- Highly resistant to scratches and breakage (10x more break-proof in comparison to real glass)



Supplier components/raw materials

- Glass laminate: UV lacquer, PMMA, styrene copolymer
- Balancing sheet: recycled glass 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 crystal composite furniture boards in Germany comes from renewable energy sources
- Fewer CO₂ emissions produced during transit due to 50% weight reduction in comparison to real glass

Our areas of activity



Raw materials from sustainable sources and recycled materials

Proportion of renewable raw materials:

- 79% (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)

For more information about RAUVISIO crystal, visit www.rehau.com/rauvisio

Subject to technical changes. Please observe the relevant technical product information, which can be obtained online at www.rehau.com/ti. Subject to technical changes.