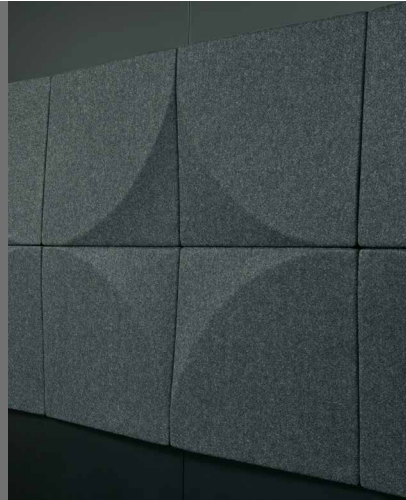


GO-DO



Environmental
Data Sheet

Safe and environmentally friendly products

Okamura's environmental priorities in product design and assessment ensure the delivery of safe, eco-conscious products that give consumers peace of mind.

A harmony of design, ecology, and economy

Okamura reduces raw material inputs during manufacture by analyzing finite elements with CAE and adopting other leading-edge methods. We harmonize design, ecology, and economy.

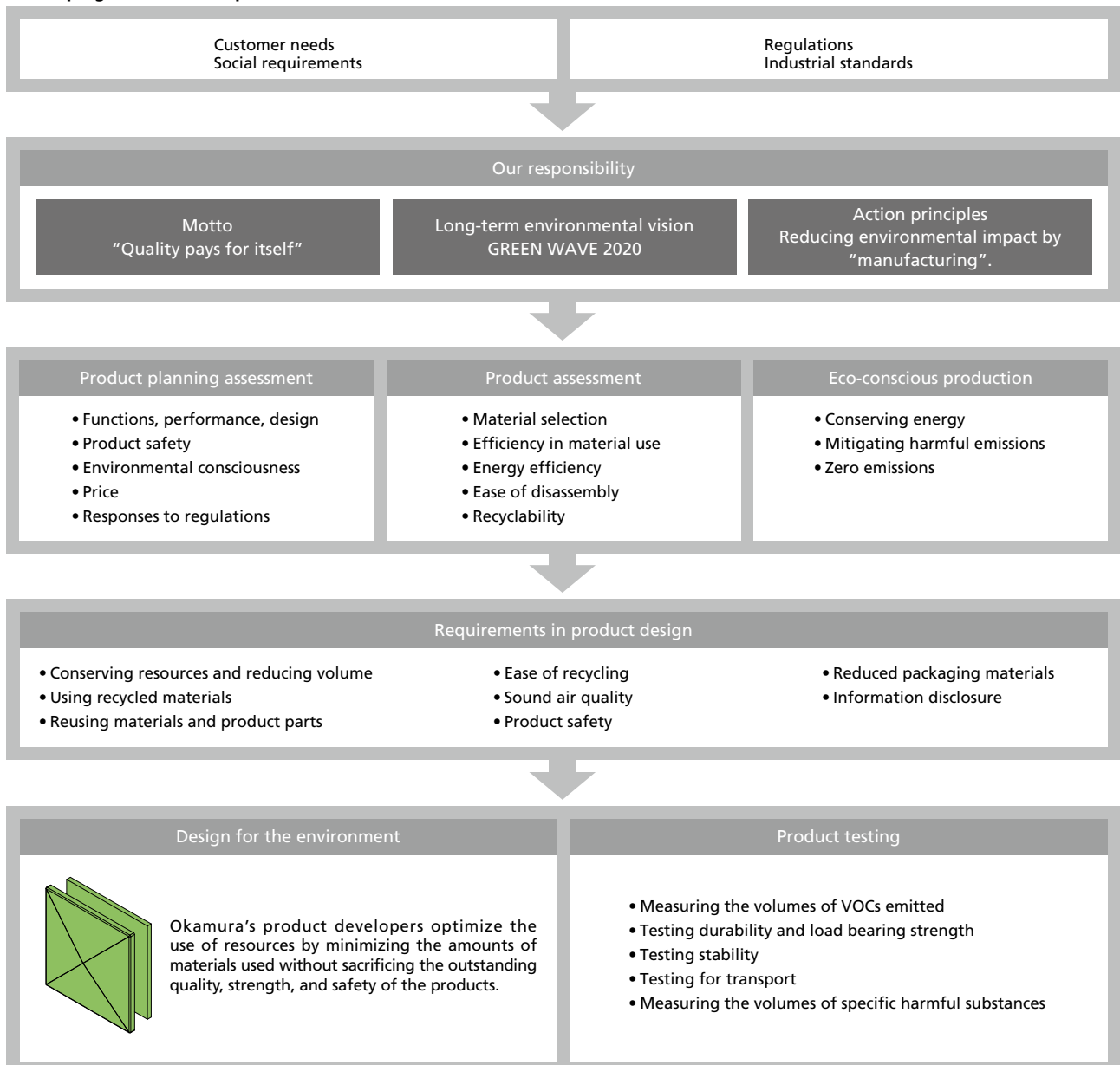
Keeping clean air

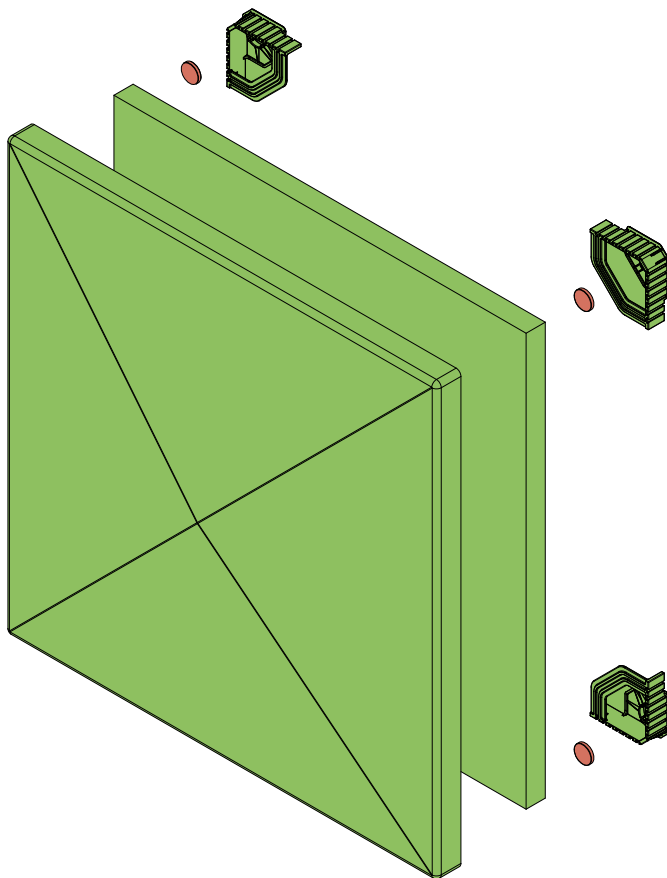
The furniture is a critical part of any office space. This is another factor that motivates Okamura to protect the air quality of offices by positively using raw materials and paints free of volatile organic compounds (VOCs).

Designs for easier reuse and recycling after use

Okamura designs products that can be easily broken down into homogeneous materials to facilitate the reuse of parts recovered from post-use products and material recycling. The materials used in major components are clearly identified.

Developing eco-conscious products





Total control of every material used

Okamura collects thorough information on the materials, surface finishing methods, and other aspects of the parts used in its products, from the main components of its office equipment to individual screws. Detailed data on materials are provided upon request.

Recycled materials:

41%

Recycled materials are used in steel and resin parts. These materials make up about 41% by product weight.

Recyclability:

100%

With easy disassembly and recycling always in mind, Runa is designed so materials can be thoroughly separated into the same groups.

■ Resins

Polyamide resins is used to ensure recycling in the future. Resins recovered after use are reprocessed and reused by resin manufactures. Okamura is an active user of recycled resins for its products.



■ Steel

Steelmakers use recovered steel to produce new steel. Steelmaking with recovered steel consumes 75% less energy than steelmaking from iron ore.



Reducing VOCs to safeguard health

Okamura minimizes the use of formaldehyde, toluene, xylene, and other VOCs, which can result in sick building syndrome and allergic dermatitis. Environmental load can be reduced while achieving outstanding comfort and strength.

Minimizing environmental load

Amid calls to limit the use of the earth's resources, the reuse and recycling of post-use products are now a global agenda. To ensure safe and sure progress in recycling, manufacturers must limit the use of substances with environmental loads. The latest round of enhancements in the regulatory framework started with the European Parliament's Restriction of Hazardous Substances (RoHS) directive. Though office furniture is not currently included among the targets of this regime, Okamura is working to reduce substances with environmental impacts in response to customer demand and in anticipation of future legislation.

Reductions in VOCs

Lead
Mercury
Cadmium
Chromium VI
PBB (Polybrominated biphenyl)
PBDE
(Polybrominated diphenyl ether)

Cleared
standard values^{*1}
based on the
RoHS directive^{*2}



*1 These standard values contain exemptions set in the RoHS directive.

*2 Directive put into effect in European Union member states in July 2006 to restrict the use of hazardous substances in electronic and electrical equipment.

| Program | Category | Item | | Contribution | Point of contribution |
|--|-----------------------|---------|--|---|-----------------------|
| LEED 2009 for Commercial Interiors | Materials & Resources | MRc 3.2 | Materials Reuse –Furniture and Furnishings | This product is designed to be refurbished and easy replacement. And it can be used any longer by having proper maintenance. Product can contribute to the this point by reusing. | 1 |
| | | MRc 4 | Recycled Content | 41.1% (1/2 Pre-Consumer: 0%, Post-Consumer: 41.1%) | 1-2 |
| | | MRc 5 | Regional Materials | Assembled in Tsukuba city,Ibaraki,Japan. Please contact us in case of the delivery outside of Japan. | 1-2 |
| LEED 2009 for New Construction and Major Renovations | Materials & Resources | MRc 3 | Material Reuse | This product is designed to be refurbished and easy replacement. And it can be used any longer by having proper maintenance. Product can contribute to the this point by reusing. | 1-2 |
| | | MRc 4 | Recycled Content | 41.1% (1/2 Pre-Consumer: 0%, Post-Consumer: 41.1%) | 1-2 |
| LEED 2009 for Existing Buildings, Operations and Maintenance | Materials & Resources | MRc 1 | Sustainable Purchasing –Ongoing Consumables | 41.1% (1/2 Pre-Consumer: 0%, Post-Consumer: 41.1%) | 1 |
| | | MRc 2 | Sustainable Purchasing –Durable Goods | | 1-2 |



Visit the Okamura website for the latest updates on Okamura products.
<http://www.okamura.jp/>