

40/4<sup>®</sup> VENEER

**HOWE**

PRODUCT  
ENVIRONMENTAL  
PROFILE



DESIGNED BY DAVID ROWLAND 1964

# 40/4®

David Rowland's award-winning 40/4 stackable chair is arguably one of the most important designs of the 20th century. The 40/4 chair is featured in design collections and museums the world over, in recognition of its elegant lines, excellent ergonomics, unsurpassed stacking and handling, as well as space-saving advantages for flexible interiors. With over eight million sold since its inception in 1964, the 40/4 stackable chair is an indisputable icon of multifunctional design, which continues to attract architects and designers who are amazed by its ability to create space - without taking up space.

## FEATURES

Learn more about HOWE and our Moving Sustainability initiatives here:

<https://www.howe.com/moving-sustainability>

### SUPPLIERS

HOWE works closely together with our suppliers to continuously reduce our products' impact on the environment. HOWE is thus setting high environmental demands for both HOWE and our suppliers to comply with.

### ENVIRONMENTAL PRODUCT DECLARATION

#### ISO 14025 (EPD)

Through a thorough Life Cycle Assessment, the 40/4 chair's performance is summarized in a LEEDv4® and BREEAM® compliant EPD.

**CURRENTLY UNDER RECERTIFICATION**

### GLOBAL GREENTAG<sup>Cert™</sup>

The 40/4 veneer is Global GreenTag<sup>Cert™</sup> certified and has achieved GreenRate Level A and LCARate Gold.

**CURRENTLY UNDER RECERTIFICATION**

### HEALTH PRODUCT DECLARATION (HPD)

The 40/4 is covered by an HPD - the prevailing standard for accurate, reliable and consistent reporting of product contents and associated health information - The HPD is harmonized with a.o. Cradle-to-Cradle, BIFMA, LEED, and WELL certificates.

**CURRENTLY UNDER RECERTIFICATION**

### FSC®

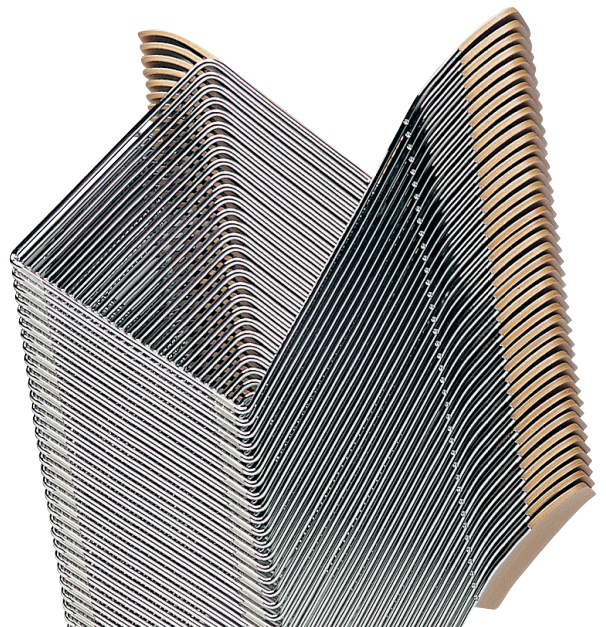
All wooden versions of the 40/4 chair are FSC® certified as standard - the guarantee that the veneer origins from forests that have been managed in an environmentally-friendly, socially responsible and economically viable manner.

### VOC EMISSION

The 40/4 veneer is tested for emission of VOCs according to the ANSI/BIFMA M7.1-2007 and emits below the limit values of ANSI/BIFMA X7.1-2007. As such, the 40/4 veneer contributes to a healthy indoor climate.

### TRIVALENT CHROME PLATING

The standard chrome plating on 40/4 is trivalent chrome. Trivalent chromium is a more environmentally sound plating than the commonly used hexavalent chromium. When plating with trivalent chromium less chemicals are needed and certain health risks are avoided during manufacturing.



**DESIGN FOR DISASSEMBLY**

It is a fact that products assembled with complex assemblies or requiring multiple tools are not likely to be repaired or recycled. Therefore, 40/4 is cleverly designed to be easily disassembled by the use of a few handtools only.

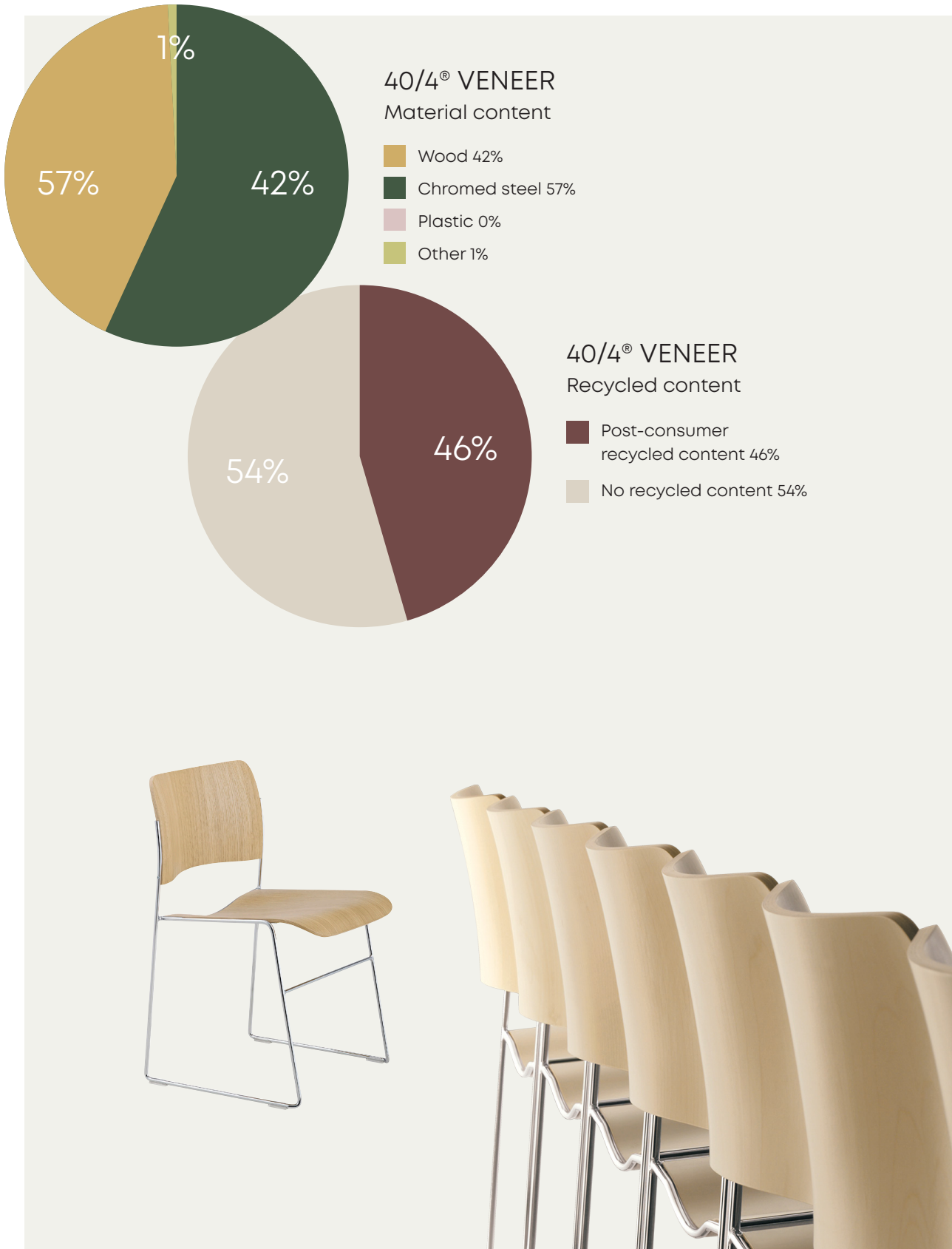
**A SUSTAINABLE FRAME**

The steel frame contains a minimum of 80% recycled content. The frame is 100% recyclable.

**DID YOU KNOW THAT...**

- 40/4 is 100% recyclable at the end of the product's life?
- 40/4 veneer is FSC® certified at no upcharge to customers?
- 40/4 is a low VOC emitting product?
- 40/4 is space-saving and thus resource saving both during transport and use?
- 40/4 is a combination of timeless and durable design?
- 40/4 is cost efficient and replacements of components are easily manageable?
- 40/4 is easy to disassemble for recycling?
- 40/4 has a 10-year warranty?





Subject to ongoing changes and adjustments.  
11.2023

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