

PEP
40/4 swivel polyamide
Product Environmental Profile



HOWE
MOVING DESIGN
SINCE 1928

40/4 swivel polyamide

Simple, classic, mobile

David Rowland's award-winning 40/4 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 as well as unsurpassed handling. With over eight million sold since its inception in 1964, the 40/4 chair is an indisputable icon of multifunctional design, which continues to attract architects and designers. In 2010 David Rowland created a swivel base version of the 40/4 chair - a chair with a strong design and distinct expression, and 100% integrity in relationship to the original design from 1964.

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.

Health Product Declaration (HPD)

The 40/4 swivel 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.

VOC emission

The 40/4 polyamide is tested for emission of VOCs according to the ANSI/BIFMA M7.1-2011 and emits below the limit values of ANSI/BIFMA X7.1-2011. As such, the 40/4 polyamide contributes to a healthy indoor climate.

Aluminium parts

All 40/4 swivel aluminium parts are produced from 90% recycled material and are 100% recyclable. Using recycled aluminium requires only 5% of the energy it would require to produce the parts from new aluminium.

Gas strut

The 40/4 swivel's height adjustable mechanism includes a gas strut. This gas strut is made from steel and is recyclable.

Please be aware that the strut must be recycled separately as it needs to be emptied from gas prior to recycling. The gas is dry nitrogen, which is an odorless and inert gas comprising up to 78% of the earth's atmosphere. The gas is not harmful to the environment.

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.



Sustainable packaging

The packaging material used includes 97% cardboard and 3% polyethylene. This means that the packaging is 100% recyclable. The cardboard is FSC® or SFI certified and produced from up to 60% recycled material.

Did you know that...

- 40/4 swivel polyamide is 93% recyclable at the end of the product's life?
- 40/4 swivel contains no PVC, which goes for all HOWE products?
- 40/4 swivel is a low VOC emitting product?
- 40/4 swivel is a combination of timeless and durable design?
- 40/4 swivel is cost efficient and replacements of components are easily manageable?
- 40/4 swivel is easy to disassemble for recycling?
- 40/4 swivel has a 10-year warranty?

