

USU®

LAMINATE, 1200 X 600 MM

HOWE

# PRODUCT ENVIRONMENTAL PROFILE



DESIGNED BY HOWE IN-HOUSE DESIGN TEAM 2011/2023



# USU®

Usu is value for money. It is the obvious choice for the price conscious customer who is still requiring simple aesthetics, space-saving attributes and ease of handling. It is developed for multi-usage canteen and training areas. The table's simple and elegant aesthetics make it compatible with other furniture styles.

## 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 Usu table's performance is summarized in a LEEDv4® and BREEAM® compliant EPD.

#### CO<sub>2</sub> FOOTPRINT

The Global Warming Potential (GWP-total) for Usu is 51.8 kg CO<sub>2</sub>e. For more details and information on the calculation methodology, please refer to the [full EPD](#) for Usu.

### FSC®

All versions of Usu are available as FSC® C041311 – the guarantee that the wood origins from forests that have been managed in an environmentally-friendly, socially responsible and economically viable manner.

### VOC EMISSION

Usu laminated tabletops emit 27 µg/m<sup>2</sup>h of formaldehyde, which is 36% below the limits set up by BIFMA X7.1 for open plan. What's more, the Usu laminated tabletop emits less than 70 µg/m<sup>2</sup>h of total Volatile Organic Compounds (TVOC), which is 79% below the limits set up by mentioned about BIFMA standard. Our laminated tabletop also passes section 7.6.1 of BIFMA e3, so Usu ensures healthy indoor air quality.

### TRIVALENT CHROME PLATING

The standard chrome plating on Usu 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.

### RESIN IDENTIFICATION

The plastic components of Usu are marked with ASTM (ISO 11469) resin identification codes whenever possible in order to facilitate correct sorting of components for recycling.

### 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, Usu is cleverly designed to be easily disassembled by the use of a screwdriver only.

### A SUSTAINABLE FRAME

Usu table base is 91% recyclable at the end of the product's life.

### DID YOU KNOW THAT...

- Usu is 86% recyclable at the end of the product's life?
- Usu contains no PVC?
- Usu is space-saving and thus resource saving both during transport and use?
- Usu is plated with trivalent chromium?
- Usu is part of our TakeBack Option and can be returned to HOWE after its useful life?
- Usu is a combination of timeless and durable design?
- Usu is cost efficient and replacements of components are easily manageable?
- Usu is designed for easy disassembly?
- Usu has a 5-year warranty?

