

Innovative fitting from Hueck

GEN 4.0 enables unrivalled fast mounting

With the innovative GEN 4.0 window fitting, the Lüdenscheid aluminium systems provider Hueck GmbH & Co. KG has inaugurated a paradigm change for metal window manufacturers. The fitting for eurogrooves, which is made in Germany, can not only be fitted with unrivalled speed even in a concealed position, but can also be retrofitted to RC 2 with just a few steps and disassembled nondestructively.

The simpler and faster processing is, the better and more economical it is for the metal window manufacturer – with the GEN 4.0 this maxim was thought through to the end. The new fitting was planned for the Hueck window systems Lambda WS 075 and WS 075 IS, and Lambda WS 090 and WS 090 IS.

The top priority of Hueck's engineers was to reduce processing time considerably, without making concessions regarding quality. The result: an innovative concept that uses prefabricated operating rods in six system lengths instead of the operating rods that were previously used. These lengths – which can be combined with one another – can be used for extremely different window sizes and do not have to be measured or cut to size for this. The installation itself has been solved progressively with the GEN 4.0, because the operating rods are simply clipped into the window profile instead of being pushed in. The Hueck operating rod concept thus reduces the processing time both for the complex calculation of the operating rod dimensions as well as for cutting the operating rods to size and processing the profile.

Assembled in three minutes

Processors also save time because the GEN 4.0 comes in practical set packs and pre-assembled components. And in addition, Hueck has simplified processing systematically in many practical details. For example, screwing positions were reduced and replaced with bayonet and eccentric locks, all clamp-on fitting components can be placed in the fitting channel from outside, and the locking device distances were enlarged. "Thanks to this consistent simplification, standard installation times of three minutes are achieved with GEN 4.0", states Thomas Leimkühler, head of Hueck product management. "Without operating rods having to be calculated and processed beforehand."

Even after installation, the position of the locking plates can be corrected at any time for fine adjustments, without damaging the profile. In addition, disassembling is just as simple as assembling. Not only can all parts be removed and replaced simply by unscrewing the clamping screws, but even the operating rods can be re-used. A further highlight is the simple and low-cost equipping or retrofitting standard windows to class RC2 burglar resistance – even in an installed state.

GEN 4.0 is available as a side-hung, tilt, tilt-turn, tilt before turn and second sash fitting – in each case with concealed or surface-mounted hinge side, and is usable for sash sizes from 650 x 520 to 1635 x 2835 millimetres. In the framework of the system guarantee GEN 4.0 is tested in accordance with EN 13126-8, EN 1191 and for burglar resistance in accordance with EN 1627-1630 up to class RC3. In addition, Hueck has an exclusive new handle line in its product range customised exactly for GEN 4.0 and the new Lambda platform.

Link to the assembly video:

<http://qr.hueck.com/gen40video>

QR-Code:



Photo legends:

Photo 1:

The new Hueck fitting GEN 4.0 can be assembled with unrivalled speed and disassembled without destruction even in a concealed design.

Photo: HUECK GmbH & Co. KG

Photo 2:

Harald Ickert from Hueck's product management team demonstrates how GEN 4.0 operating rods are inserted into the profile from the outside, and then simply clamped and fixed with the assembly lever.

Photo: HUECK GmbH & Co. KG

Photo 3

Mistakes and mix-ups are ruled out thanks to the prefabricated GEN 4.0 components in the practical set packs.

Photo: HUECK GmbH & Co. KG