SPECIFICATION SHEET for iLUX Accent oriel window *V2020.09 25*

*Renson N.V.*

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# Product description

Manufacturer: Renson

Type: iLUX Accent

***The iLUX Accent oriel window***  is a structural extension unit to be built into a structural opening in the wall. The unit contains a stable ceiling and floor. It is made of a steel frame in which glass and profiles are placed according to the plan to extend the indoor space in a compliant manner.

Preferably, the unit should be fully finished and glazed in the workshop so that on-site operations are limited to a minimum.

# Application

The unit is used to seal the opening in an air and waterproof manner within a short period of time so that a neatly finished arrangement is quickly realised.

# PRODUCT FEATURES

The frame on the exterior side has the following features:

* Maximum 60 mm.
* Also directly serves as the corner finish.
* Seamless
* Also serves as a glazing bead so that the glass can be replaced from the outside at any time.

The flat inner profile connects with the glass with a gasket. No glazing beads or seams are visible.

Insulating border

* + The floor and ceiling must contain at least 45-50 mm of PIR insulation and any reinforcements must be covered in at least 20 mm of PIR. The floor and ceiling are flat, have a thickness of 70 mm and connect to the glass with a gasket.
	+ The exterior side only contains a seamless aluminium bead of 60 x 60 mm.
	+ A 12 mm finish can be placed.

Connecting structure with the building

The floor, ceiling and sides (i.e. the entire contours) are made of continuous galvanised plate that is at least 3 mm thic&k to provide stability and to ensure a vapour-proof and acoustic connection between the window and the building.

Performance:

The tests below must be produced for the entire unit (profiles, plating, glazing, roof) and must comply with the classification applicable for the location according to the B25/002 standard:

* + Waterproof
	+ Airtightness
	+ Wind resistance
	+ Shocks from inside, on both the minimum and maximum dimensions of the product

Protection:

The unit must be well protected against dirt and damage during the entire construction process. It is important that installation is properly organised so that on-site storage can be avoided.