

## ECW-50 SSG

Structural curtain wall.

The structural curtain wall forms a continuous skin of glass, making it the sole protagonist on the outside of the façade. Exlabesa's ECW-50 SSG provides a unique visual lightness and facilitates the uniqueness that every architectural design seeks, making simplicity its main feature.



### Features

- Double EPDM perimeter seals
- Internal cascade drainage system
- Openings types: projecting and parallel projecting
- Environmental Product Declaration EPD/EPD



# TECHNICAL FEATURES

## Design

The ECW-50 SSG system provides a unique visual lightness and facilitates the uniqueness that every architectural design strives for. With no external covers or intermediate frames, the view of the structure and the directly fixed glass is remarkable for its simplicity.

## Features

The ECW-50 SSG version is a stick system, which fixes the glass with concealed point anchors through a profile in the glass chamber, bonded to the glass with structural silicone. The posts and crossbars have a 50 mm internal face and a double EPDM perimeter seal, as well as an internal cascade drainage system to ensure proper water drainage to the outside.

## Benefits

The results of laboratory tests confirm its performance. In the SSG version, the internal drainage system, the internal gasket and the external gasket have proved to be very effective, achieving classifications of AE, RE1500 and Suitable (1500 Pa) in air permeability, watertightness and wind load tests.

## Possibilities

The colour and reflection of the glass, the external contour and the structural modulation are the tools to differentiate a project using this system. It also offers a maximum glazing thickness of 43 mm and two integrated opening types (projecting and parallel projecting) that maintain the appearance of single glazing from the outside.



Exterior aesthetics	Glass skin Sealed 20 mm
Visible interior width	50 mm
Maximum glazing	61 mm
Thermal break	15 mm
Maximum weight of projecting windows	180 kg
Thermal insulation $U_{cw}^*$	Up to 1,9 W/m <sup>2</sup> K
Thermal insulation $U_f$	2,9 W/m <sup>2</sup> K

Weather test results for a sample size of 2750x6250 mm  
\* For a module 4340x2470 mm

