

ECW-50 SSG

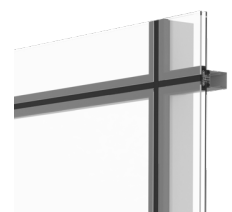
Structural curtain wall.

The structural curtain wall constitutes a continuous glass look that makes it the only feature on the outside of the facade. The ECW-50 SSG manufactured by AMC allows a unique visual lightness and facilitates the uniqueness that all architectural designs seek, making simplicity its main feature.



Characteristics

- Double EPDM perimeter joint
- Internal cascade drainage system
- Opening types: projection and parallel projection
- Certified system with eco-label type III - DAP / CWCT



Technical Characteristic's

Design

The ECW-50 SSG system allows a unique visual lightness and facilitates the singularity that Look for all architectural design. Without exterior covers or intermediate racks, the vision of the structure and the directly anchored glass stand out for their simplicity.

Characteristics

The ECW-50 SSG version is a stick-type system, which fixes the glasses by means of hidden point anchors through a profile in the glass chamber, glued to it with structural silicone. The uprights and crossbars have 50 mm of visible front inside and a double perimeter joint in EPDM, in addition to an internal cascade drainage system, guaranteeing the correct outflow of water to the outside.

Benefits

The results of the laboratory tests support its operation. In the SSG version, the internal drainage system, the inner gasket and the outer sealing have been very effective; obtaining a class classification AE, RE1500 and Apt (1500 Pa) in the AEV tests.

Possibilities

The colour and reflection of the glass, the outer contour and the structural modulation are the tools to seek the differentiation of a project that uses this system. In addition, it offers a maximum glazing of 43 mm and two types of integrated opening (projecting window

And parallel projection) that maintain the appearance of only glass from the outside.



Exterior aesthetics	Glass to Glass joint 20mm
Visible interior width	50 mm
Maximum glazing	43 mm
Thermal breakage	15 mm
Maximum weight of projecting windows	180 kg
Thermal transmittance U cw*	Hasta 1,9 W/m²K
Thermal transmittance Uf	2,9 W/m²K

AEV results for a sample of 2750 x 6250 mm
*For a module of 4340 x 2470 mm

