

WINDOWS

RIVA AWS 90 BS.SI+

Highly thermally insulated aluminum insert unit window with concealed sash at passive house level The RIVA AWS 90 BS.SI+ (Block System Super Insulated) window system meets the highest architectural demands with the greatest possible transparency, and combines optimized thermal insulation with the advantages of an aluminum window construction in a slim design without visible sash contours.

With its optimized functional, energy-saving and design properties, the insert unit window is a convincing component of the BENEDICT + RIVA AWS modular system for the 90 mm installation depth.

As an insert unit window, window strip or insert element in BENEDICT + RIVA façade systems and as a "floating window", sophisticated design solutions can be realized for a wide range of architectural requirements in the building envelope, thanks to the high system flexibility.

Designs as turn and tilt-turn sashes as well as skylight tilt-turn sashes are included in the wide range of opening variants.


Product information:

- Thermal insulation properties up to passive house level.
- Without visible glazing beads: Identical views of sash and fixed glazing possible from the outside
- Mullion profiles, secondary sashes and sash bars form a comprehensive range of profiles

DESIGN SPECIFICATIONS

Face width 77 mm

Face width window frame min. - 77 mm
max.

Face width casement frame min. max. 0 mm

Face width mullion min. - max. 107 - 202 mm

TECHNICAL SPECIFICATIONS

Fall prevention yes

Barrier-free operating force as specified in DIN 1840 yes

Operating forces class 1

CE mark yes

SUSTAINABILITY

Corrosion protection class class 5

Uf-value frame ? 0,96 W/(m² ·K)

Wind load resistance class C4/B4

Certificates cradle2cradle SILVER

FUNCTIONS

Break-in resistance up to RC 3

Opening type to the inside turn / tilt, side-hung, bottom-hung, double-vent turn / tilt / side-hung, Double-vent side-hung / side-hung, tilt / slide, toplight, tilt-before-turn

Opening angle 180 °

Max. sound insulation RwP 49 dB(A)



We are experts in designing, manufacturing and installing complex facades.

