

WINDOWS

RIVA AWS 90.SI+

Super-insulated aluminum windows on the passive house level. The passive house window RIVA AWS 90.SI+ is an aluminum window on the passive house level, produced from renewable raw materials. The passive house window is the response to the demand of principles for an ecologically effective and affordable window.

In the polyamide insulating bars of the passive house windows, castor oil is used as a renewable source of raw material, which is also found in the glazing gasket. In spite of the excellent insulating properties large window casements are possible. Thus BENEDICT + RIVA combines functionality and design with ecological responsibility.


Product information:

- Suitable for use in private apartment and home construction, in commercial real estate
- Thermal insulation on the passive house level
- Aluminum passive house window with significant fractions of renewable raw materials in the plastics

DESIGN SPECIFICATIONS

Face width 99 mm

Face width window frame min. - 56 mm
max.

Face width casement frame min. max. 43 mm

Face width mullion min. - max. 86 - 260 mm

TECHNICAL SPECIFICATIONS

Fall prevention yes

Barrier-free operating force as specified in DIN 1840 yes

National technical approval upon request

Operating forces class 1

SUSTAINABILITY

Corrosion protection class class 5

Passive House Class pHc

Uf-value frame ? 0,71 W/(m² ·K)

Wind load resistance class C5/B5

FUNCTIONS

Barrier-free ? 20 mm

Break-in resistance up to RC 3

Glass/fill weight max. 68 mm

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



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

