

**FACADES**

# FASSADE RIVA FWS 50 S.SI

Passive house suitable earthquake-tested facade. Based on an innovative insulation technology, the RIVA FWS 50 S.SI (Steel Super Insulated) facade system offers super-insulated solutions for implementation of building envelopes and skylights on the passive house level. Economical and varied constructions can be implemented thanks to an extensive system line and optimized manufacturing and assembly processes for a wide range of requirements and applications.

A profile-integrated, transparent system solution for spandrel barriers blends seamlessly into the exterior steel facade view. The necessary fall protection with floor-to-ceiling opening units and low spandrel barrier heights can be realized with an uninterrupted profile course and uniform profile face width.

Glass press-on profiles in steel U-contour, I-contour, and T-contour support profiles with visible threaded fitting enable implementation of fine element mullion/transom construction with an appealing technical appearance.

Simple and safe integration of electrical components, e.g. automatic RIVA door systems or solar shading systems ensure components configured for system integration. for versatile solutions in the Steel Look Design Line.


**Product information:**

- Passive house suitable mullion/transom facade
- Based on innovative insulation technology
- Comprehensive system line

**DESIGN SPECIFICATIONS**

Face width	50 mm
Surface	powder, anodizing, varnish
Overall system depth min. - max.	6 - 250 mm

**TECHNICAL SPECIFICATIONS**

Fall prevention	yes
National technical approval	yes
Sill safeguard	integrated
Profile-integrated sill safeguard	yes

**SUSTAINABILITY**

Passive house	yes
Recyclable	yes
Uf-value frame ?	0,7 W/(m <sup>2</sup> ·K)
Wind load resistance	2,0/3,0 [kN/m <sup>2</sup> ]

**FUNCTIONS**

Bullet resistance	up to FB4
Break-in resistance	up to RC 3
Earthquake resistance	yes
Glass/fill weight max.	1080 kg

