

PROFILE SYSTEM
LIVING ALU INSIDEPURE LIVING
COMFORT

The innovative Schüco Living Alu Inside system sets new standards not only in energy-efficient window technology but also provides noticeable protection against cold, noise, and drafts.

TOP INSULATION
VALUES

With a U_w value of $0.69 \text{ W}/(\text{m}^2\text{K})$, Living Alu Inside is a passive house-compatible profile system – ideal for energy-efficient construction and low heating costs.

NOTICEABLE
QUIETNESS

The profile system achieves, with appropriate soundproof glazing, a sound insulation of up to 46 dB – for noticeably better living quality.

UNIQUE
TECHNOLOGY

By using unique aluminum composite technology, this profile system delivers top-level thermal insulation and achieves maximum stability and strength in all areas – even without steel reinforcement in the core.

SUSTAINABLY
DESIGNED

The system is particularly durable and fully recyclable – ideal for sustainable construction.

DESIGN
FLEXIBILITY

Individual color options, modern sash geometries, and large glass surfaces – Living makes design wishes come true.

SCHÜCO

PREMIUM PARTNER

PROFILE SYSTEM LIVING ALU INSIDE

Suitable for:



BREEM®



KFW

Bank aus Verantwortung

Kredit Nr. 297, 298



TECHNICAL DATA

Basic depth outer frame	82 mm
Basic depth vent	82 mm
Uw value	0.69 W/(m ² K)*
Glass thickness outer frame	16–52 mm
Glass thickness vent	16–52 mm
Max. vent width**	1500 mm
Max. vent height**	2600 mm
Max. sound reduction index Rwp	46 dB(A)
Air permeability	Class 4
Watertightness	Class 9A
Burglar resistance	up to RC 2
Wind load resistance	Class C5/B5
Max. vent weight	120 kg



Operating forces	Class 1
Mechanical strength	Class 4, DIN EN 13115
Proof of durability	DIN EN 12400, Class 2
Drainage levels	3 (central sealing system)

* in version with Ug 0.5 glazing and with insulating wedges

** Maximum size only possible with correct height and aspect ratio

More info:

<https://www.schueco.com/de-en/architects/products/windows/pvc-u/living-alu-inside>



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FENSTER & TÜREN