

FASADNI SUSTAV **50 FK** FACADE SYSTEM 50 FK



FEAL
PERFECTION IN ALUMINIUM



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50 FK FASADNI SUSTAV

Fasada **50 FK** je visokokvalitetni fasadni sustav dizajniran za kontinuirane i strukturalne, samonosive i u potpunosti zastakljene fasadne konstrukcije. Izrađena od toplo izoliranih aluminijskih profila, pruža iznimnu energetska učinkovitost, trajnost i estetiku, čineći je idealnim rješenjem za moderne arhitektonske projekte.

Sustav omogućuje različite vrste otvaranja fasadnih prozora, uključujući okretno-otklopne, paralelne i krovne prozore, a kompatibilan je i s FEAL sustavima za prozore i vrata. Zahvaljujući naprednim tehničkim rješenjima, **50 FK** osigurava optimalno upravljanje kondenzatom kroz višerazinsko odvođenje vlage i kontinuirano ventiliranje fasade, čime se sprječava nakupljanje vlage i osigurava dugotrajna pouzdanost.

S fasadnim sustavom **50 FK** postiže se suvremeni, elegantan izgled uz visoku funkcionalnost i dugotrajnu zaštitu. Ovaj fasadni sustav savršeno kombinira estetiku, toplinsku i zvučnu izolaciju te dugoročnu otpornost na vanjske utjecaje. Bez obzira na to projektirate li poslovni, komercijalni ili rezidencijalni objekt, fasada **50 FK** pruža najbolje performanse i vrhunsku kvalitetu u segmentu fasadnih rješenja.

50 FK FACADE SYSTEM

*The **50 FK** facade is a high-quality facade system designed for continuous and structural, self-supporting, and fully glazed facade constructions. Made of thermally insulated aluminium profiles, it provides exceptional energy efficiency, durability, and aesthetics, making it an ideal solution for modern architectural projects.*

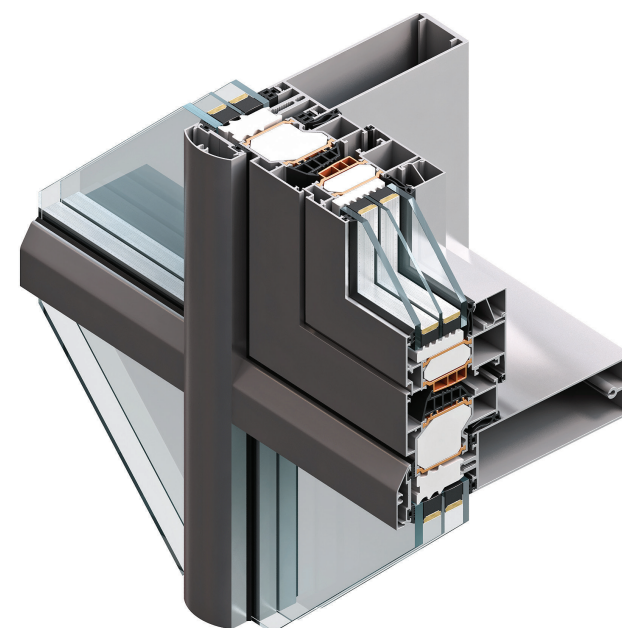
*The system allows for various types of facade window openings, including tilt-and-turn, parallel and roof windows, and is compatible with FEAL window and door systems. Due to advanced technical solutions, **50 FK** ensures optimal condensation management through multi-level moisture drainage and continuous facade ventilation, preventing moisture accumulation and ensuring long-term reliability.*

*With the **50 FK** facade system, a modern, elegant appearance is achieved alongside high functionality and long-lasting protection. This facade system perfectly combines aesthetics, thermal and acoustic insulation, and long-term resistance to external influences. Whether you are designing a business, commercial, or residential building, the **50 FK** facade provides the best performance and superior quality in the facade solutions segment.*

50 FK

ZNAČAJKE SUSTAVA:

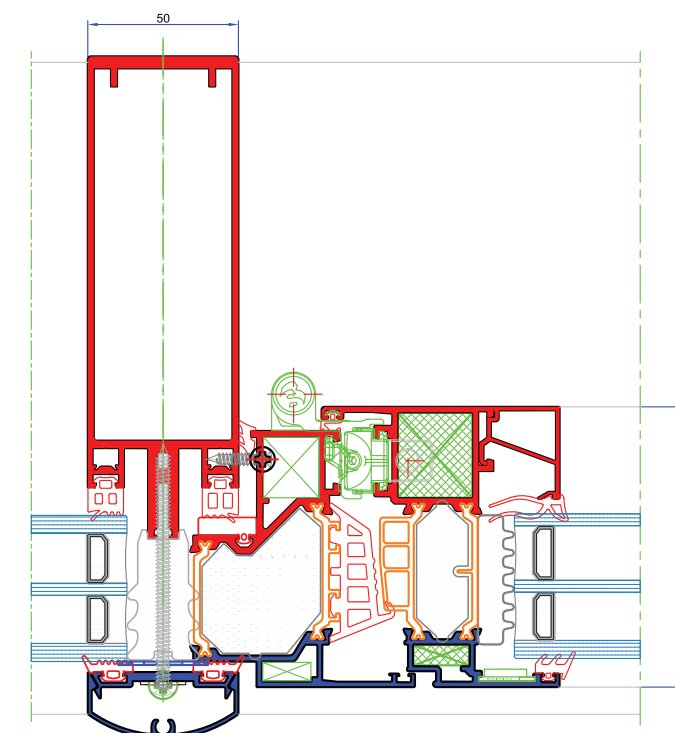
Konstrukcija: Feal **50 FK** je sustav za izradu kontinuirane ili strukturalne, samonosive, u cjelini zastakljene, toplo izolirane fasadne konstrukcije od aluminijskih profila. Geometrija profila: Vidljiva širina profila 50 mm. Vertikalni, nosivi profili - okomice (nivo I) su dubina: 90, 120, 140, 160, 200, 230, 270 mm. Horizontalni profili - vodoravnice (nivo II; tj. nivo III u vertikalnom položaju ukoliko su u konstrukciji i pomoćne vodoravnice), dubina: 88, 118, 136, 138, 158, 198, 228, 268 mm. Horizontalni profili - pomoćne vodoravnice (nivo II), dubine: 88, 118, 138, 158mm. Za otvarajuća polja se mogu koristiti posebno dizajnirani fasadni prozorski otvori s tipovima otklopno-zaokretni, otklopni prema unutra ili prema vani, paralelno otvaranje i krovni prozori. Sa fasadnim sustavom su također kompatibilni FEAL sustavi profila za prozore i vrata, kao: Termo 65, Termo 65 plus, Termo 85, Termo 85 SK, Termo 85 PA, Termo 65 VS, Termo 85 VS, TERMO 150, TERMO 150+, Inowa, Francuski balkon, Fiksni brisoleji. Vrata mogu biti otvarajuća (prema vani ili unutra), klizna, mimokretna ili automatska.



50 FK

SYSTEM FEATURES:

*Construction: Feal **50 FK** is a system for the production of continuous or structural, self-supporting, fully glazed, thermally insulated facade constructions made of aluminium profiles. Profile geometry: Visible profile width 50 mm. Vertical, load-bearing profiles - mullions (level I): depths of 90, 120, 140, 160, 200, 230, 270 mm. Horizontal profiles - transoms (level II; i.e., level III in a vertical position if auxiliary transoms are included in the construction): depths of 88, 118, 136, 138, 158, 198, 228, 268 mm. Horizontal profiles - auxiliary transoms (level II): depths of 88, 118, 138, 158 mm. Opening units: Specially designed facade window openings can be used for opening fields, with types including: tilt-and-turn, inward opening, outward opening, parallel opening, and roof windows. Compatibility: The facade system is also compatible with FEAL window and door profile systems, such as: Termo 65, Termo 65 plus, Termo 85, Termo 85 SK, Termo 85 PA, Termo 65 VS, Termo 85 VS, TERMO 150, TERMO 150+, Inowa, French balcony, and Fixed brisoleils. Doors can be opening (inward or outward), sliding, double-action (swing), or automatic.*



TEHNIČKE KARAKTERISTIKE SUSTAVA: TECHNICAL CHARACTERISTICS:

Dubina okomice / Mullion depth
Širina okomice / Mullion width
Vidljiva širina poklopne letvice / Cap width
Zrakopropusnost / Air permeability
Vodonepropusnost / Watertightness
Otpornost na opterećenje vjetarom / Resistance to wind load

Zaštita od buke / Acoustic insulation

Protuprovalnost / Burglary resistance
Proračun Uf koeficijenta / Uf coefficient calculation

90 – 270 mm
50 mm
50 mm
EN 12152
EN 12154
EN 13116
EN ISO 717-1
EN 1627
DIN EN ISO 10077-2
AE
RE 1200
design load +-2,0 kN/m²
safety load +- 3,0 kN/m²
Rw do 43 dB
RC2
Uf ≥ 0.72 W/m²K

