



CIVRO WINDOWS, DOORS AND FAÇADES SYSTEM

ENFINI PRO PD65 SLIDING SYSTEM

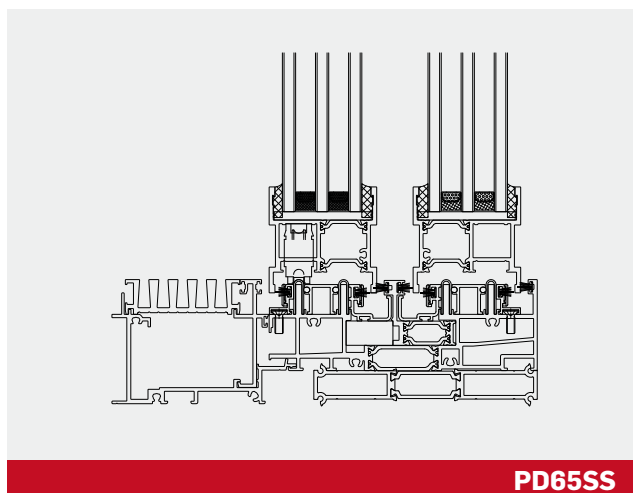
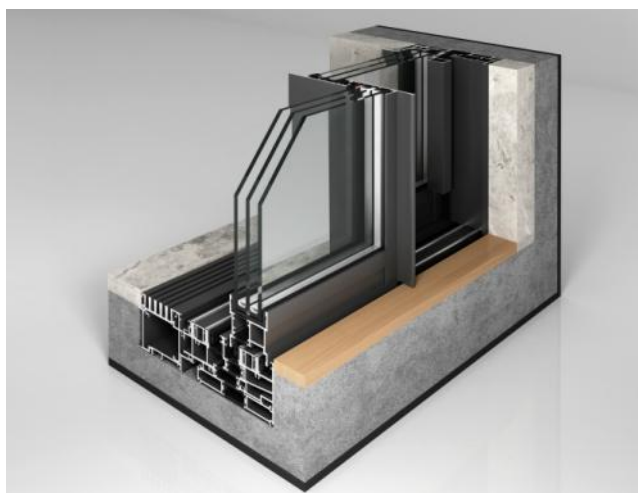
A SLIDING SYSTEM THAT MORE THAN JUST SLENDER

The Enfini Pro PD65 sliding system features an elegant design that achieves expansive transparent surfaces with a minimalist aesthetic. This premium aluminium sliding system merges an unbounded view with exceptional performance. Its 55mm bottom frame construction height is designed to accommodate reduced flooring seamlessly. With options for triple glazing and various insulation levels, the Enfini Pro PD65 is an ideal selection for contemporary, low-energy project.

The Enfini Pro PD65 Sliding System builds upon CIVRO's legacy of slender frame aesthetics and high-performance structure. By incorporating fully concealed motors and versatile smart control options, it achieves a dual evolution in both visual appeal and functionality. Ideal for upscale residential and commercial spaces, it meets the integrated demands for aesthetics and intelligence in sophisticated environments.

PLANNING HIGHLIGHTS

- The glass rebate has a height of 15mm, providing ample stability and security for glass installation
- The 28mm interlock section face width offers an uninterrupted and expansive view
- Thanks to the 58mm glass rebate, glass thicknesses ranging from 36mm to 48mm, including triple glazing and 12mm insulated glass, can be accommodated
- The special designed CSE (CIVRO Self Equilibrium) self-balancing roller assemblies, allowing fine vertical adjustments to simplify installation. The modified POM rollers offer greater strength and low-noise operation under high loads
- The lower wheels are detachable by accessing from the side of the frame with a simple lift rather than moving the whole vent out from the frame. Tracks can be easily cleaned due to special tailored roller assemblies
- Reduced frame view to only 13mm and 5mm through concealed side and top vent frame
- The customised concealed gutter and stepped drainage structure provides better water performance, without adding thresholds
- A concealed drainage design ensures wheelchair-friendly access
- The BT locking mechanism supports micro-ventilation functionality
- Fully hidden motor: preserves the clean, narrow lines without compromising the profile's aesthetics
- Multiple smart access: supports face recognition, remote controls, and smartphone APP control



PD65SS

TECHNICAL PERFORMANCE

PROFILE TECHNOLOGY

- Euro standard 6060 T6 profiles with main wall thickness of 2.2mm
- Basic depth 173mm (double track)
- 55mm bottom frame construction height is designed to accommodate reduced flooring seamlessly
- Characteristic corner and butt joint connection technology for high rigidity of frames and sashes
- Exclusive MED (Matte Electro Deposition) coating gives the finest and smoothest tactile impression

GASKET CONCEPT

- EPDM glazing sealing, sealing strip
- European brand adhesive
- Fully vulcanised gaskets and sealing strips
- High-density, high-strength, low-friction, high-weather-resistance siliconized brushes

ADD-ONS

- Hidden Motor

HARDWARE

- Tailored minimalist handle



black

- Tailored BT lock
- Heavy duty system hardware: max. vent weight: 540Kg with stainless steel tracks
- Ease operation due to the independent research CSE roller assemblies and optimised running carriage technology

THERMAL INSULATION

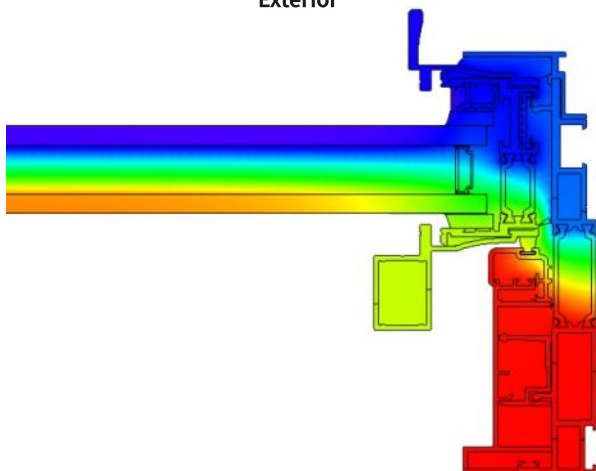
- PA66GF25 thermal insulating strip, C28+C42

OPENING OPTIONS

- Sliding

THERMAL COMPUTATION

Exterior



Interior

PD65SS

15.2 7.7 0.3 -7.2 -14.7 -22.1 °C



■ Ug

1.544 W/(m² · K)

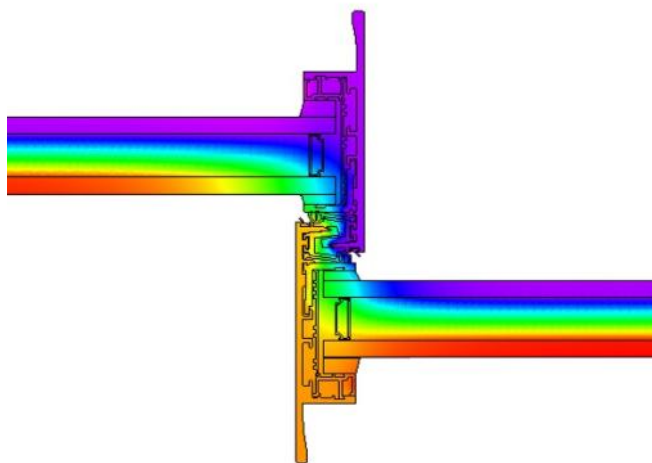
■ Glass type

8G+20Ar+8G Low-E (warm edge spacer)

■ Thermal insulating strip

C28+C42

Exterior



Interior

PD65SS

11.8 5.7 -0.4 -6.4 -12.5 -18.6 °C



■ Ug

1.544 W/(m² · K)

Glass type

8G+20Ar+8G Low-E (warm edge spacer)

Thermal insulating strip

C28+C42

OVERVIEW OF PD65 SLIDING SYSTEM

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 DESIGN	
Opening	Sliding
Min.-max. basic depth(mm)	173
Vent depth(mm)	65
Face width of interlock section(mm)	28
Face width of frame(mm)	55
Face width of vent frame(mm)	36.6
Face width of meeting stile(mm)	/
Face width of top outer frame(mm)	75
Face width of bottom outer frame(mm)	55
Min.-max. face width of mullion(mm)	55
Threshold height(mm)	50
Reinforcement interlock section	/
Number of tracks	Double track
Concealed drainage	■
Ventilation vent	/
Integral glass guardrail	/
Fly screen	/
Surface finish	MED

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 IMPLEMENT SCENARIO	
Façade insert unit	■
Conservatory insert unit	■
 PARAMETER	
U values in W/m ² K	1.7
Sound reduction(dB) depending on glazing type	32
Air permeability(m ³ /(m.h))	1.0
Water tightness(Pa)	350
Wind load resistance(KPa)	≤2.5
Burglar resistance	RC2
 VENT DATA	
Min.-max. vent height(mm)	1600-3500
Min.-max. vent width(mm)	800-2800
Max. vent size(m ²)	7.2
Max. vent weight(Kg)	540
Min.-max. glass thickness(mm)	38/48
Glazing method	Wet glazing

SINCE 1993

CIVRO has accumulated over 30 years of experience in the research, development, and production of system doors and windows. Embracing the pioneering concept of global system doors, windows, and curtain walls, CIVRO adapts to the diverse and complex climatic conditions represented by China, covering usage habits across multiple dimensions. Upholding the integrated principles of safety, environmental protection, sustainable development, and aesthetics, Civro is committed to providing superior design inspiration and higher architectural value for global architects, designers, developers, and property owners. It aims to create personalized architectural facade system solutions for global landmark buildings and elite circles, establishing itself as a leading brand in global architectural facades.



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Official Website

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