



REYNAERS[®]
— at home —

Reynaers Ltd • 111 Hollymoor Way • Northfield • Birmingham • B31 5HE
 T 0121 421 1999 E homeuk@reynaers.com
reynaersathome.co.uk

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CP 155 Sliding Door

CP 155 is a premium insulated sliding system offering the highest levels of performance.

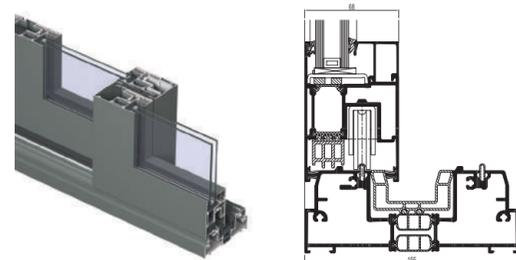
This sophisticated system fulfils the user's high expectations of optimum quality, high insulation and ease of operation. The inherent strength of this system makes it possible to offer very large dimensions - up to 3m in height and a maximum vent weight of 400 kg*.

Thanks to the 'High Insulation' upgrade, the system can achieve superior insulation levels down to 1.07 W/m²K (Uf value). This results in a glazed element with insulation values lower than 1.0 W/m²K, allowing the CP 155-HI system, which is certified with a Minergie label, to be used in low-energy buildings.

Furthermore, the system is available with a low threshold option that creates perfect continuity between the indoor and outdoor spaces, and improves the accessibility to the building. This accessibility and comfort can be further improved with our solutions for automatic operation.

*Motorised operation recommended for heavier doors





Letting the outside in

A sliding door opens up a multitude of possibilities. Open this door just a few centimetres for a little fresh air, a little wider to slip out into the garden or open it all the way to really let the outside in. This versatile door creates an extra feeling of space and generates more natural light within the home.

CP 155 Slide and CP 155 Lift & Slide

All types of CP 155 sliding door use durable, stainless steel wheels and rails for ease of operation. In the case of the lift and slide system, the sliding door is lifted slightly before opening or closing. This reduces the friction and makes the operation smooth and effortless. In the closed position, the lift and slide door is lowered onto the track, providing additional weather resistance.

Monorail, duo rail or 3-rail

A **monorail system** combines a moving part with a fixed glazed element that is anchored directly into the outer frame profile for a minimalistic look. The fixed pane is normally set to the inside of the track and is internally beaded. If the Minergie specification product is required, the fixed pane will be set to the outside of the track and will be externally beaded.

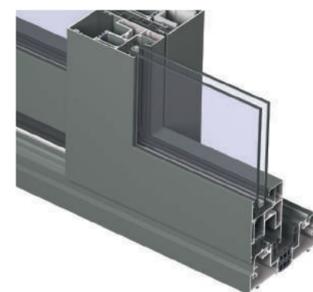
| Monorail | CP 155 / CP 155-HI | CP 155-LS / CP 155-LS / HI | CP 155-LS/Hi with MINERGIE LABEL |
|----------|--------------------|----------------------------|----------------------------------|
| | X | X | X |

A **duo rail system** integrates two glazed opening vents with an identical appearance, giving an aesthetically pleasing and versatile sliding door. Both vents can be made as sliding elements, giving total flexibility.

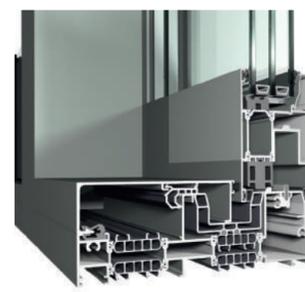
| Duo rail | CP 155 / CP 155-HI | CP 155-LS / CP 155-LS / HI | CP 155-LS/Hi with MINERGIE LABEL |
|----------|--------------------|----------------------------|----------------------------------|
| | X | X | |

A **3-rail system** makes it possible for a third opening vent to be installed. This solution allows the user to slide door leaves one and two behind leaf three, opening up two-thirds of the width to the garden.

| 3-rail system | CP 155 / CP 155-HI | CP 155-LS / CP 155-LS / HI | CP 155-LS/Hi with MINERGIE LABEL |
|---------------|--------------------|----------------------------|----------------------------------|
| | X | X | |



Standard middle section



CP 155-LS/Hi with Minergie label

Technical characteristics

| Variants | | CP 155 / CP 155-HI | CP 155-LS / CP 155-LS / HI | CP 155-LS/Hi with MINERGIE LABEL |
|----------------------------------|-----------------|--|--|--|
| Visible width / height | Frame | 52 mm | 60 mm | 60 mm |
| | Vent | 102 mm | 102 mm | 102 mm |
| | T-profile | from 76 mm to 154 mm | from 76 mm to 154 mm | from 76 mm to 154 mm |
| | Meeting section | 115 mm | 115 mm | 115 mm |
| | Threshold | 60 mm | 20 mm | 69 mm |
| Meeting section 4 doors | | 212 mm | 212 mm | n/a |
| | | | | |
| Overall system depth | Frame | 155 mm / 242 mm (3-rail) | 155 mm / 242 mm (3-rail) | 192 mm |
| | Vent | 68 mm | 68 mm | 68 mm / 105 mm |
| Maximum element height | | 3000 mm | 3000 mm | 3000 mm |
| Maximal vent weight sliding vent | | 250 kg | 400 kg | 400 kg |
| Maximal vent weight fixed vent | | 1500 kg | 1500 kg | 1500 kg |
| Rebate height | | 25 mm | 25 mm | 25 mm |
| Glass thickness | | up to 52 mm | up to 52 mm | up to 61 mm |
| Glazing method | | dry glazing with EPDM or neutral silicones | | |
| Thermal insulation | | 32 mm and 23 mm fibreglass reinforced polyamide strips with 3 chambers | 32 mm and 23 mm fibreglass reinforced polyamide strips with 3 chambers | 41 mm and 23 mm fibreglass reinforced polyamide strips with 5 chambers |
| HI variant | | extra insulation gaskets | extra insulation gaskets | standard available |

Performances

| Energy | | Uf-value up to 1.07 W/m ² (*), depending on the frame/vent combination | | | | | | | | | |
|---------|---|---|---------------|----------------|----------------|----------------|--------------------|--------------|----------------|----------------|------------------|
| | Thermal insulation ⁽¹⁾ EN ISO 10077-2 | | | | | | | | | | |
| Comfort | | Rw (C; Ctr) = 35 (-2;-5) dB / 42 (-1;-3) dB, depending on glazing type | | | | | | | | | |
| | Acoustic performance ⁽²⁾ EN ISO 140-3; EN ISO 717-1 | | | | | | | | | | |
| | Air-tightness, max. test pressure ⁽³⁾ EN 12207 | 1 (150 Pa) | 2 (300 Pa) | 3 (600 Pa) | 4 (600 Pa) | | | | | | |
| | Water-tightness ⁽⁴⁾ EN 12208 | 1A | 2A | 3A | 4A | 5A | 6A | 7A | 8A (450 Pa) | 9A (600 Pa) | E900 (950 Pa) |
| | Wind load resistance, max. test pressure ⁽⁵⁾ EN 12211; EN 12210 | 1 (400 Pa) | 2 (800 Pa) | 3 (1200 Pa) | 4 (1600 Pa) | 5 (2000 Pa) | Exxx (>2000 Pa) | | | | |
| | Wind load resistance to frontal deflection EN 12211; EN 12210 | A (1/750) | | | B (1/200) | | | C (1/300) | | | |
| Safety | | | | | | | | | | | |
| | Burglar resistance ⁽⁶⁾ ENV 1627 - ENV 1630 | RC 1 | | | RC 2 | | | RC 3 | | | |

This table shows classes and values of performances which can be achieved for specific configurations and opening types.

⁽¹⁾ The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

⁽²⁾ The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame and glass.

⁽³⁾ The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

⁽⁴⁾ The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

⁽⁵⁾ The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.

⁽⁶⁾ The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools. This variant requires specific burglar resistance accessories.

^(*) Value for HI-variant with Minergie label.