

CP 130 (-LS)

PRODUCT PASS

Date: **16-01-2024**

Language: **English**



Together for better
www.reynaers.com

1 GENERAL EXPLANATION

The performances indicated in this product pass can be used for a Declaration of Performance (DoP) in accordance with EU Regulation no. 305/2011. The characteristics are in accordance with the harmonized product standard EN 14351-1:2006+A2:2016 (Windows and doors - Product standard, performance characteristics - Part 1: Windows and external pedestrian doorsets).

At least one performance of an essential characteristic shall be mentioned on the DoP. Non-essential characteristics are not legally required in any European country and thus not mandatory to declare. Where no performance is declared "NPD" (No Performance Declared) can be used.

The performances indicated can be achieved for the configuration and dimensions as tested and when the product is fabricated in accordance with the instructions of Reynaers (system catalogue). It is obviously allowed to declare lower performances; e.g. when resistance to wind load of 1600 Pa was tested, also 1200 Pa can be declared for the same configuration and dimensions.

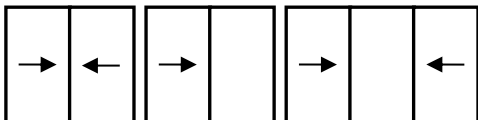
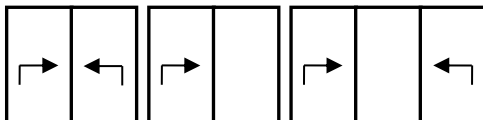
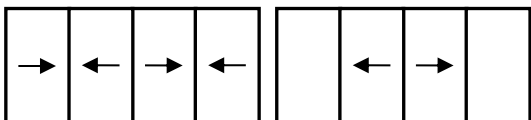
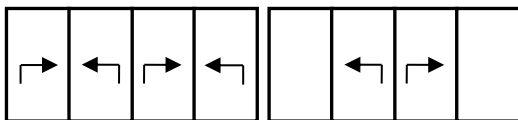
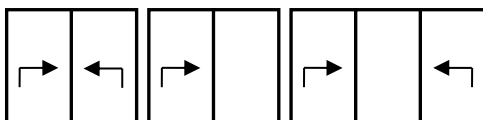
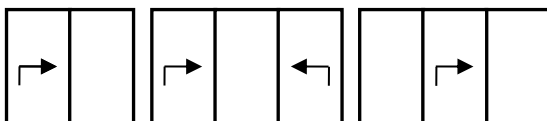
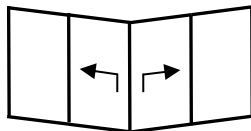
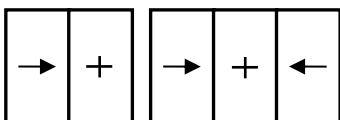
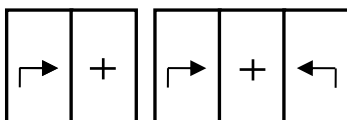
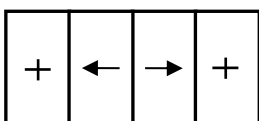
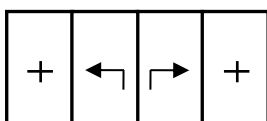
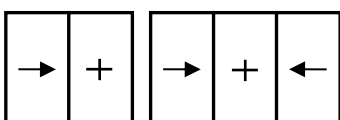
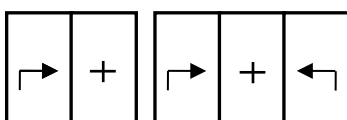
Higher performances for smaller dimensions, lower performances for larger dimensions, or similar performances for larger dimensions but with the appropriate selection of profiles and/or reinforcements are possible. Validate your performances and deflections, adhering to the maximum admissible dimensions indicated in the system catalogue.

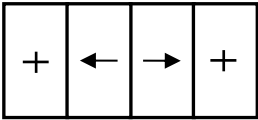
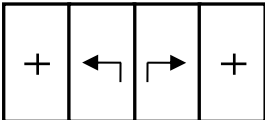
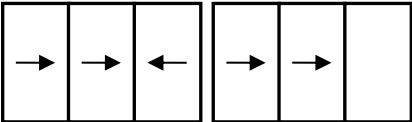
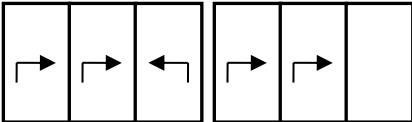
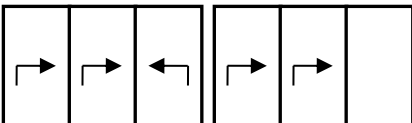
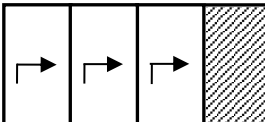
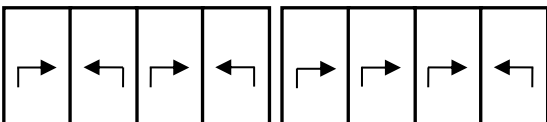
2 NOTIFIED BODIES

| ID | Name | Address | Country |
|------|---|---|----------------|
| 0074 | CENTRE D'EXPERTISE DU BÂTIMENT ET DES TRAVAUX PUBLICS | Domaine De Saint-Paul – 102, Route de Limours 78471 Saint-Remy-Les-Chevreuse Cedex | France |
| 0432 | MATERIALPRÜFUNGSAMT NORDRHEIN-WESTFALEN | Auf den Thränen 2 59597 Erwitte | Germany |
| 0679 | CENTRE SCIENTIFIQUE ET TECHNIQUE DU BÂTIMENT | 84, Avenue Jean Jaurès Champs-sur-Marne F-77447 Marne-la-Vallée Cedex 2 | France |
| 0744 | SOCOTEC | Les Quadrants – 3,Avenue du Centre – Guyancourt 78182 St-Quentin en Yvelines | France |
| 0749 | BELGIAN CONSTRUCTION CERTIFICATION ASSOCIATION | Aarlenstraat 53 1040 Brussel | Belgium |
| 0757 | IFT ROSENHEIM | Theodor-Gietl-Strasse 7-9 83026 Rosenheim | Germany |
| 0845 | DANISH INSTITUTE OF FIRE AND SECURITY TECHNOLOGY | Jernholmen, 12 2650 Hvidovre | Denmark |
| 0960 | SKG-IKOB | Poppenbouwing 56 4191 NZ Geldermalsen | Netherlands |
| 1136 | BELGIAN BUILDING RESEARCH INSITUTE | Lombardstraat 42 1000 Brussel | Belgium |
| 1234 | EFFECTIS NEDERLAND | Brandpuntlaan Zuid 16, Postbus 554 2665 ZN Bleiswijk | Netherlands |
| 1288 | WINTech ENGINEERING LIMITED | Halesfield 2 Telford, Shropshire TF7 4QH | United Kingdom |
| 1309 | PRÜFINSTITUT SCHLÖSSER UND BESCHLÄGE, VELBERT | Wallstrasse 41 42551 Velbert | Germany |
| 1488 | INSTYTUT TECHNIKI BUDOWLANEJ | ul. Filtrowa 1 00-611 Warszawa | Poland |
| 1671 | PEUTZ | Lindenlaan 41, Molenhoek PO Box 66 6585 ZH MOOK | Netherlands |
| 1749 | TNO DEFENCE, SECURITY AND SAFETY | Lange Kleiweg 137, Postbus 45 2280 AA Rijswijk | Netherlands |
| 1769 | UNIVERSITY OF GENT | Sint-Pietersnieuwstraat 41 9000 Gent | Belgium |
| 2211 | INSTITUTO DE INVESTIGAÇÃO E DESENVOLVIMENTO TECNOLÓGICO PARA A CONSTRUÇÃO, ENERGIA, AMBIENTE E SUSTENTABILIDADE | Rua Pedro Hispano Pólo II da Universidade de Coimbra 3030-289 Coimbra | Portugal |

3 VARIANTS

Different variants have been grouped based on similar design and following the guidelines of the harmonised standard

| Slide | | Lift Slide | |
|----------------------------|---|------------|---|
| 2-rail | | | |
| 5.1 |  | 5.3 |  |
| 5.2 |  | 5.4 |  |
| | | 5.5 | Flat bottom  |
| | | 5.6 | 750 Pa  |
| | | 5.7 | Corner  |
| Monorail – Inside glazing | | | |
| 5.8 |  | 5.10 |  |
| 5.9 |  | 5.11 |  |
| Monorail – Outside glazing | | | |
| 5.12 |  | 5.14 |  |

| Slide | | Lift Slide | |
|---------------|---|------------|--|
| 5.13 |  | 5.15 |  |
| 3-rail | | | |
| 5.16 |  | 5.17 |  |
| | | 5.18 | Zero Threshold  |
| | | 5.19 | Pocket  |
| 4-rail | | | |
| | | 5.20 |  |

4 EXPLANATIONS AND SYMBOLS

H: Element Height

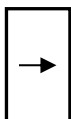
B: Element Width

Fh: Vent Height

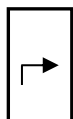
Fb: Vent Width

npd: No Performance Declared

CWFT: Classification Without Further Testing



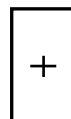
Sliding vent



Lift sliding vent



Fixed vent



Fixed pane monorail



Pocket

⁽¹⁾ Remark resistance to wind load: The inertia of the profile section must be chosen in function of the required performance.

⁽²⁾ With "hidden drainage" solution

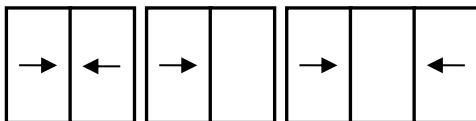
⁽³⁾ Standard glazing beads: $P < 2000 \text{ Pa}$, $W \times H < 1400 \times 2400$; $P < 1200 \text{ Pa}$, $W \times H < 3200 \times 3200$.

Tubular glazing beads: $P < 2000 \text{ Pa}$, $W \times H < 3200 \times 3200$ (SKG 10.185a).

⁽⁴⁾ Report for CP 96 and/or CP 96-LS can be used because of identical or equivalent accessories

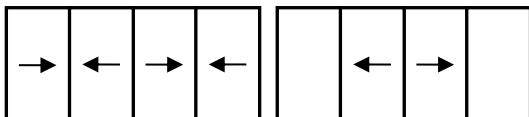
5 PERFORMANCE

5.1 2-rail Slide



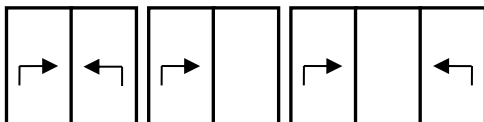
| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|------------------|--|--|---------------------------------------|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C2 (800 Pa) ⁽¹⁾ C3 (1200 Pa) ⁽¹⁾ | | [0960] - 15.00230 [0960] - 10.1044 | 1611x2433 ⁽³⁾ 1400x2600 ⁽³⁾ |
| | 4.5 | Watertightness | 6A (250 Pa) 8A (450 Pa) | | [0960] - 15.00230 ⁽²⁾ [0960] - 10.1044 | 1611x2433 1400x2600 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | 739x1739 |
| | 4.8 | Load-bearing capacity of safety devices | Npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | 2700x2400 |
| | | | 38 (-2;-6) | 35 (-1;-3) | [1671] – A 2224-1-RA-002 | 2181x2437 |
| | | | 40 (-1;-3) | 37 (-1;-3) | | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| 4.14 | Air permeability | 4 3 | | [0960] - 15.00230 [0960] - 10.1044 | 1611x2433 1400x2600 | |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.17 | Mechanical strength | npd | | | |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 9253/3 [1136] – GSFM-20-071 | See report |

5.2 2-rail Slide



| Characteristic | | | Performance | | Notified body - Report | | Tested size [mm] | |
|-------------------------------|-------|--|--|---------------|---|--|--------------------------|--|
| Essential characteristics | | | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ | | [0960] – SKG/HRU/cbo/10.0817A | | 1400x2600 ⁽³⁾ | |
| | 4.5 | Watertightness | 8A (450 Pa) | | [0960] – SKG/HRU/cbo/10.0817A | | 1400x2600 | |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | | 739x1739 | |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | | | |
| | 4.9 | Height & width | See 6 | | | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | | 2700x2400 | |
| | | | 38 (-2;-6) | 35 (-1;-3) | [1671] – A 2224-1-RA-002 | | 2181x2437 | |
| | | | 40 (-1;-3) | 37 (-1;-3) | TC10_016F | | 2700x2334 | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | | | |
| | 4.14 | Air permeability | 3 | | [0960] – SKG/HRU/cbo/10.0817A | | 1400x2600 | |
| Non-essential characteristics | | | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | | 1503x2616, 297 kg | |
| | 4.17 | Mechanical strength | npd | | | | | |
| | 4.18 | Ventilation | npd | | | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | | 1503x2616, 297 kg | |
| | 4.22 | Behaviour between different climates | npd | | | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 9253/3 [1136] – GSFM-20-071 | | See report | |

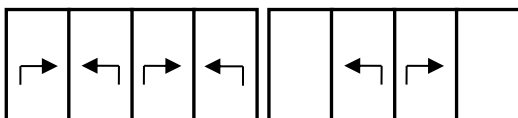
5.3 2-rail Lift Slide



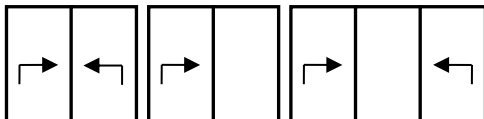
| Characteristic | | | Performance | | Notified body - Report | | Tested size [mm] | |
|-------------------------------|-------|--|--|---|--|--|--|--|
| Essential characteristics | | | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C2 (800 Pa) ⁽¹⁾ B5 (2000 Pa) ⁽¹⁾ | | [0960] – 22.00797 [0960] – 20.00072 * | | 1510x2633 ⁽³⁾ 1486x2633 ⁽³⁾ | |
| | 4.5 | Watertightness | 9A (600 Pa) 7A (300 Pa) | | [0960] – 22.00797 [0960] – 20.00072 * | | 1510x2633 1486x2633 | |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | | 821x1729 | |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | | | |
| | 4.9 | Height & width | See 6 | | | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 40 (-1;-3) | [0960] – 11.156-Rev A [0960] – 11.156-Rev A [1671] – A 3378-1E-RA-002 [1671] – A 3378-1E-RA-002 | | 4090x2334 4090x2334 4050x2350 4050x2350 | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 22.00797 [0960] – 20.00072 * | | 1510x2633 1486x2633 | |
| Non-essential characteristics | | | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | | 1101x2229, 66 kg 2300x2700, 300/400 kg | |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | | 1510x2633, 171 kg | |
| | 4.18 | Ventilation | npd | | | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | | 1428x2219, 150 kg 2300x2700, 300/400 kg | |
| | 4.22 | Behaviour between different climates | npd | | | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 10257/3 [1136] – GSFM-20-071 | | See report | |

* Slim Chicane

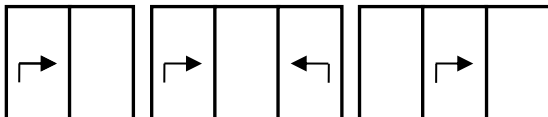
5.4 2-rail Lift Slide



| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|---|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ | | [0960] – 16.00974 | 1510x2633 ⁽³⁾ |
| | 4.5 | Watertightness | 8A (450 Pa) | | [0960] – 16.00974 | 1510x2633 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 16.00974 | 1510x2633 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 10257/3 [1136] – GSFM-20-071 | See report |

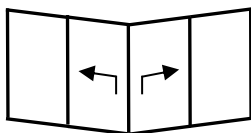
5.5 2-rail Lift Slide – Flat bottom


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | A3 (1200 Pa) ⁽¹⁾ | | [0960] – 11.1056 | 1540x2727 ⁽³⁾ |
| | 4.5 | Watertightness | 4A (150 Pa) | | [0960] – 11.1056 | 1540x2727 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 11.1056 | 1540x2727 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | Npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 14317 [1136] – GSFM-20-071 | See report |

5.6 2-rail Lift Slide – 750 Pa


| Characteristic | | | Performance | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|--|
| Essential characteristics | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C4 (1600 Pa) ⁽¹⁾ | [0960] – 14.00882 | 1426x2430 ⁽³⁾ |
| | 4.5 | Watertightness | E750 (750 Pa) | [0960] – 14.00882 | 1426x2430 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | |
| | 4.7 | Impact resistance | 5 | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | |
| | 4.9 | Height & width | See 6 | | |
| | 4.11 | Acoustic performance | npd | | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | |
| | 4.14 | Air permeability | 4 | [0960] – 14.00882 | 1426x2430 |
| Non-essential characteristics | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | |
| | 4.19 | Bullet resistance (BP version) | npd | | |
| | 4.20 | Explosion resistance | npd | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | [1136] – CAR 14317 | See report |

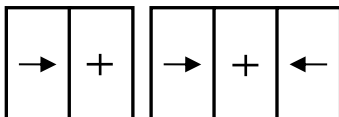
5.7 2-rail Lift Slide – Corner



| Characteristic | | | Performance | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|
| Essential characteristics | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ C3 (1200 Pa) ⁽¹⁾ | [0960] – 12.1010 [0960] – 11.1136 | 1623x2026 ⁽³⁾ 503x2020 ⁽³⁾ |
| | 4.5 | Watertightness | 5A (200 Pa) | [0960] – 12.1010 [0960] – 11.1136 | 1623x2026 503x2020 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | |
| | 4.7 | Impact resistance | 5 | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | |
| | 4.9 | Height & width | See 6 | | |
| | 4.11 | Acoustic performance | npd | | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | |
| | 4.14 | Air permeability | 4 | [0960] – 12.1010 [0960] – 11.1136 | 1623x2026 503x2020 |
| Non-essential characteristics | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | |
| | 4.19 | Bullet resistance (BP version) | npd | | |
| | 4.20 | Explosion resistance | npd | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | |
| | 4.23 | Burglar resistance (AP version) | npd | | |

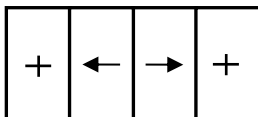
N.B.: other corner angles can meet the same AWW performances as a 90° corner (SKG/K0104/JDI/cro/13.1347)

5.8 Monorail Slide – Inside glazing



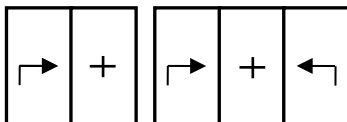
| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|--|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ C2 (800 Pa) ⁽¹⁾ | | [0960] – 09.1025 [0960] – 22.01049 Rev.A | 1400x2600 ⁽³⁾ 1500x2380 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 09.1025 [0960] – 22.01049 Rev.A | 1400x2600 1500x2380 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | 739x1739 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | 2700x2400 |
| | | | 38 (-2;-6) 40 (-1;-3) | 35 (-1;-3) 37 (-1;-3) | [1671] – A 2224-1-RA-002 | 2181x2437 |
| | | | 41 (-2;-4) | 37 (0;-2) | TC10_016F | 2700x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 09.1025 [0960] – 22.01049 Rev.A | 1400x2600 1500x2380 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.17 | Mechanical strength | npd | | | |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 9253/3 [1136] – GSFM-20-071 | See report |

5.9 Monorail Slide – Inside glazing

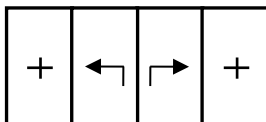


| Characteristic | | | Performance | Notified body - Report | Tested size [mm] | |
|-------------------------------|-----------------------|--|---|------------------------|---|--------------------------|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ | | [0960] – 09.1025 | 1400x2600 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 09.1025 | 1400x2600 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | 739x1739 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | 2700x2400 |
| | | | 38 (-2;-6) | 35 (-1;-3) | [1671] – A 2224-1-RA-002 | 2181x2437 |
| | | | 40 (-1;-3) | 37 (-1;-3) | TC10_016F | 2700x2334 |
| 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | | |
| 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | | |
| 4.14 | Air permeability | 4 | | [0960] – 09.1025 | 1400x2600 | |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.17 | Mechanical strength | npd | | | |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 9253/3 [1136] – GSFM-20-071 | See report |

5.10 Monorail lift slide – Inside glazing

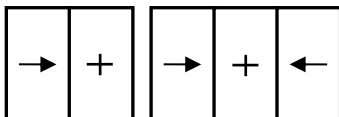


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ | | [0960] – 11.1063 | 1510x2616 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 11.1063 | 1510x2616 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 11.1063 | 1510x2616 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 10257/3 [1136] – GSFM-20-071 | See report |

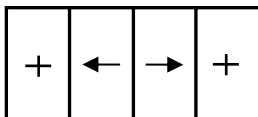
5.11 Monorail lift slide – Inside glazing


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ | | [0960] – 11.1063 | 1510x2616 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 11.1063 | 1510x2616 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 11.1063 | 1513x2616 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 10257/3 [1136] – GSFM-20-071 | See report |

5.12 Monorail Slide – Outside glazing

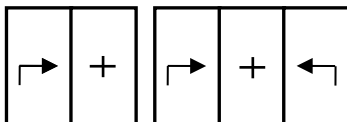


| Characteristic | | | Performance | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|--|
| Essential characteristics | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) C2 (800 Pa) | [0960] – 12.125 [0960] – 22.01049 Rev A | 1396x2583 ⁽³⁾ 1500x2380 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | [0960] – 12.125 [0960] – 22.01049 Rev A | 1396x2583 1500x2380 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | |
| | 4.7 | Impact resistance | 5 | [0960] – SKG/HRU/cbo/10.0099-2 | 739x1739 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | |
| | 4.9 | Height & width | See 6 | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E 2700x2400 |
| | | | 38 (-2;-6) 40 (-1;-3) | 35 (-1;-3) 37 (-1;-3) | [1671] – A 2224-1- RA-002 2181x2437 |
| | | | 41 (-2;-4) | 37 (0;-2) | TC10_016F 2700x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | |
| | 4.14 | Air permeability | 4 | [0960] – 12.125 [0960] – 22.01049 Rev A | 1396x2583 1500x2380 |
| Non-essential characteristics | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 1 | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.17 | Mechanical strength | npd | | |
| | 4.18 | Ventilation | npd | | |
| | 4.19 | Bullet resistance (BP version) | npd | | |
| | 4.20 | Explosion resistance | npd | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.22 | Behaviour between different climates | npd | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | [1136] – GSFM-23-051-01 | See report |

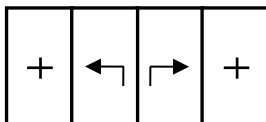
5.13 Monorail Slide – Outside glazing


| Characteristic | | | Performance | Notified body - Report | Tested size [mm] | |
|-------------------------------|-------|--|--|------------------------|---|--------------------------|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ | | [0960] – 09.1025 | 1400x2600 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 09.1025 | 1400x2600 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | 739x1739 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | 2700x2400 |
| | | | 38 (-2;-6) | 35 (-1;-3) | [1671] – A 2224-1-RA-002 | 2181x2437 |
| | | | 40 (-1;-3) | 37 (-1;-3) | TC10_016F | 2700x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 09.1025 | 1400x2600 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.17 | Mechanical strength | npd | | | |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | 1503x2616, 297 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – GSFM-23-051-01 | See report |

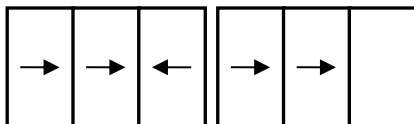
5.14 Monorail lift slide – Outside glazing



| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ | | [0960] – 23.00205 | 1500x2700 ⁽³⁾ |
| | 4.5 | Watertightness | E750 (750 Pa) | | [0960] – 23.00205 | 1500x2700 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 23.00205 | 1500x2700 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – GSFM-23-051-01 | See report |

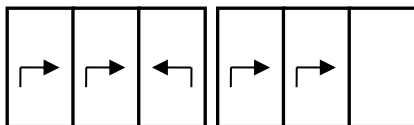
5.15 Monorail lift slide – Outside glazing


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ A3 (1200 Pa) ⁽¹⁾ | | [0960] – 11.1063 [0960] – 23.00690 | 1510x2616 ⁽³⁾ 1500x2700 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) E750 (750 Pa) | | [0960] – 11.1063 [0960] – 23.00690 | 1510x2616 1500x2700 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 11.1063 [0960] – 23.00690 | 1510x2616 1500x2700 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – GSFM-23-051-01 | See report |

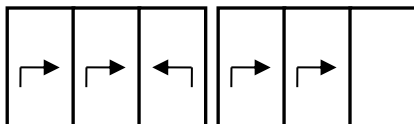
5.16 3-rail Slide


| Characteristic | | | Performance | | Notified body - Report | | Tested size [mm] | |
|-------------------------------|-------|--|--|---------------|---|--|--------------------------|--|
| Essential characteristics | | | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C3 (1200 Pa) ⁽¹⁾ | | [0960] – 14.00129 | | 1500x2616 ⁽³⁾ | |
| | 4.5 | Watertightness | 8A (450 Pa) | | [0960] – 14.00129 | | 1500x2616 | |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-2 | | 739x1739 | |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | | | |
| | 4.9 | Height & width | See 6 | | | | | |
| | 4.11 | Acoustic performance | Glass: | Sliding door: | | | | |
| | | | 34 (-1;-4) | 32 (-1;-3) | TC10_016E | | 2700x2400 | |
| | | | 38 (-2;-6) | 35 (-1;-3) | [1671] – A 2224-1-RA-002 | | 2181x2437 | |
| | | | 40 (-1;-3) | 37 (-1;-3) | TC10_016F | | 2700x2334 | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 14.00129 | | 1500x2616 | |
| Non-essential characteristics | | | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | |
| | 4.16 | Operating forces | 1 | | [0960] – 11.1125 | | 1503x2616, 297 kg | |
| | 4.17 | Mechanical strength | npd | | | | | |
| | 4.18 | Ventilation | npd | | | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) | | [0960] – 11.1125 | | 1503x2616, 297 kg | |
| | 4.22 | Behaviour between different climates | npd | | | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 9253/3 [1136] – GSFM-20-071 | | See report | |

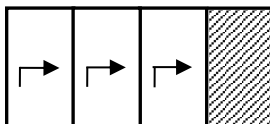
5.17 3-rail Lift Slide



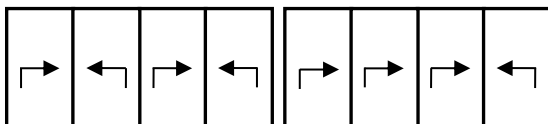
| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B3 (1200 Pa) ⁽¹⁾ | | [0960] – 16.00851 | 1514x2632 ⁽³⁾ |
| | 4.5 | Watertightness | 7A (300 Pa) | | [0960] – 16.00851 | 1514x2632 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 16.00851 | 1514x2632 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | Npd | | | |
| | 4.19 | Bullet resistance (BP version) | Npd | | | |
| | 4.20 | Explosion resistance | Npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC 2 | | [1136] – CAR 10257/3 | See report |

5.18 3-rail Lift Slide – Zero Threshold


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] | |
|-------------------------------|-------|--|--|---|---|--|--|
| Essential characteristics | | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C1 (400 Pa) ⁽¹⁾ | | [0960] – 14.00701 | 1202x3000 ⁽³⁾ | |
| | 4.5 | Watertightness | 2A (50 Pa) | | [0960] – 14.00701 | 1202x3000 | |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 | |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | | |
| | 4.9 | Height & width | See 6 | | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | | |
| | 4.14 | Air permeability | 2 | | [0960] – 14.00701 | 1202x3000 | |
| Non-essential characteristics | | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg | |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg | |
| | 4.18 | Ventilation | npd | | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | | |
| | 4.20 | Explosion resistance | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg | |
| | 4.22 | Behaviour between different climates | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | | |

5.19 3-rail Lift Slide – Pocket


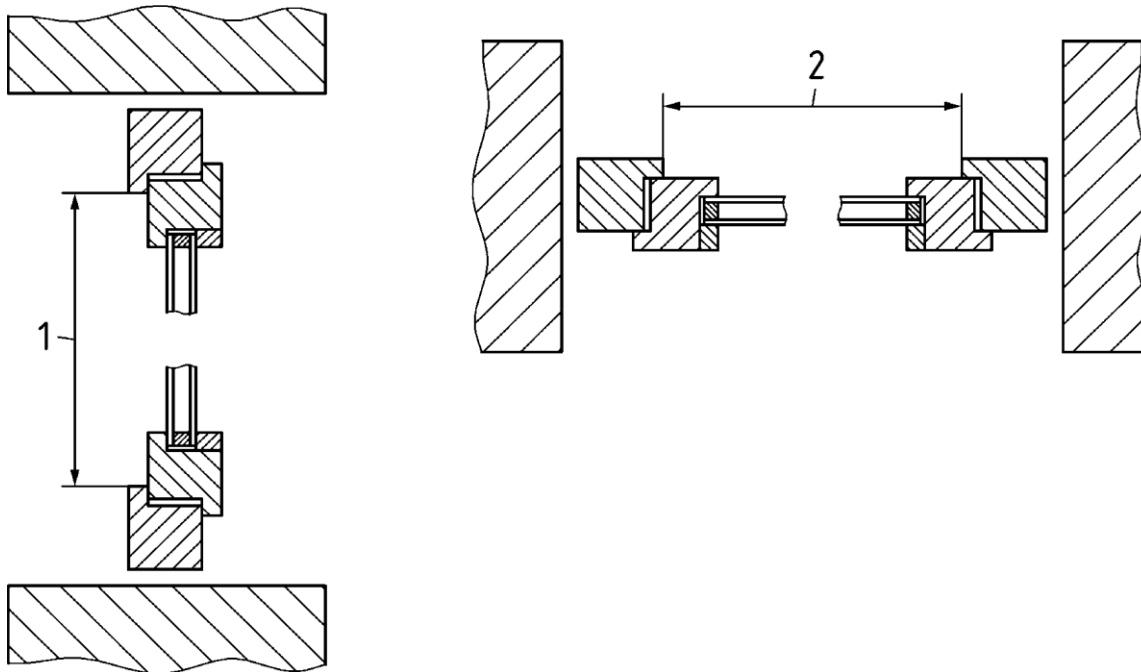
| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | C2 (800 Pa) ⁽¹⁾ | | [0960] – 14.00699 | 923x2497 ⁽³⁾ |
| | 4.5 | Watertightness | 4A (150 Pa) | | [0960] – 14.00699 | 923x2497 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 3 | | [0960] – 14.00699 | 923x2497 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | |

5.20 4-rail Lift Slide


| Characteristic | | | Performance | | Notified body - Report | Tested size [mm] |
|-------------------------------|-------|--|--|---|---|--|
| Essential characteristics | | | | | | |
| EN 14351-1 | 4.2 | Resistance to wind load | B2 (800 Pa) ⁽¹⁾ | | [0960] – 14.00700 | 1208x3000 ⁽³⁾ |
| | 4.5 | Watertightness | 4A (150 Pa) | | [0960] – 14.00700 | 1208x3000 |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicated in hEN 14351-1 are used. | | | |
| | 4.7 | Impact resistance | 5 | | [0960] – SKG/HRU/cbo/10.0099-3 | 821x1729 |
| | 4.8 | Load-bearing capacity of safety devices | npd | | | |
| | 4.9 | Height & width | See 6 | | | |
| | 4.11 | Acoustic performance | Glass: 35 (-2;-6) 41 (-2;-4) 45 (-2;-6) 50 (-3;-8) | Sliding door: 34 (-1;-4) 37 (-1;-4) 39 (-1;-3) 39 (-1;-3) | [0960] – 11.156-Rev A | 4090x2334 |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated under certification of BCCA: certificate BPCB-420-72-10077/2. | | | |
| | 4.13 | Radiation properties | These properties must be evaluated by the CE-label of the glass | | | |
| | 4.14 | Air permeability | 3 | | [0960] – 14.00700 | 1208x3000 |
| Non-essential characteristics | | | | | | |
| EN 14351-1 | 4.4.1 | Reaction to fire | Anodized: A1 Painted: A2 Gaskets: E | | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | |
| | 4.16 | Operating forces | 2 1 | | [1488] – LK-02344/09/9/part 1 ⁽⁴⁾ [0960] – 21.00400 rev A | 1101x2229, 66 kg 2300x2700, 300/400 kg |
| | 4.17 | Mechanical strength | 4 | | [0960] – 18.00277.1 rev A | 1510x2633, 171 kg |
| | 4.18 | Ventilation | npd | | | |
| | 4.19 | Bullet resistance (BP version) | npd | | | |
| | 4.20 | Explosion resistance | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 4 (50.000) 3 (20.000) | | [0960] – 09.1125 ⁽⁴⁾ [0960] – 21.00400 rev A | 1428x2219, 150 kg 2300x2700, 300/400 kg |
| | 4.22 | Behaviour between different climates | npd | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | |

6 RULE FOR DEFINITION OF CLEAR OPENING HEIGHT AND WIDTH

The clear opening height 1 and clear opening width 2 are defined as indicated in following sketches of EN 12519:2018.



UPDATES

30/6/2022

| | VARIANTS | Characteristic |
|------------------|---------------------|----------------|
| EFR-21-001664A | 5.1 ~ 5.16 | 4.4.1 |
| 230006500-6 | 5.1 ~ 5.16 | 4.4.1 |
| GSFM-20-071 | 5.1~5.6 + 5.11~5.13 | 4.23 |
| 21.00400 rev A | 5.6 ~ 5.16 | 4.16 + 4.21 |
| 18.00277.1 rev A | 5.6 | 4.17 |

28/11/2022

| | VARIANTS | Characteristic |
|----------|-----------|----------------|
| 22.01049 | 5.3 – 5.4 | 4.2 + 4.5 |

30/03/2023

| | VARIANTS | Characteristic |
|-----------------|-------------|------------------|
| Outside glazing | 5.12 – 5.15 | |
| 22.01049 Rev.A | 5.8 + 5.12 | 4.2 – 4.5 – 4.14 |
| 12.125 | 5.12 | 4.2 – 4.5 – 4.14 |
| GSFM-23-051-01 | 5.12 – 5.15 | 4.23 |
| 22.00797 | 5.3 | 4.2 – 4.5 – 4.14 |

09/06/2023

| | VARIANTS | Characteristic |
|----------|----------|------------------|
| 23.00205 | 5.14 | 4.2 – 4.5 – 4.14 |

01/08/2023

| | VARIANTS | Characteristic |
|----------|----------|------------------|
| 23.00690 | 5.15 | 4.2 – 4.5 – 4.14 |

16/01/2024

| | VARIANTS | Characteristic |
|------------------|------------------------|----------------|
| Text revision | GENERAL EXPLANATION | |
| Tested size [mm] | 5.1 – 5.20 | |
| Text revision | 5.1 – 5.20 | 4.12 |