MasterPatio

PRODUCT PASS

Date: **26-10-2023**

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.

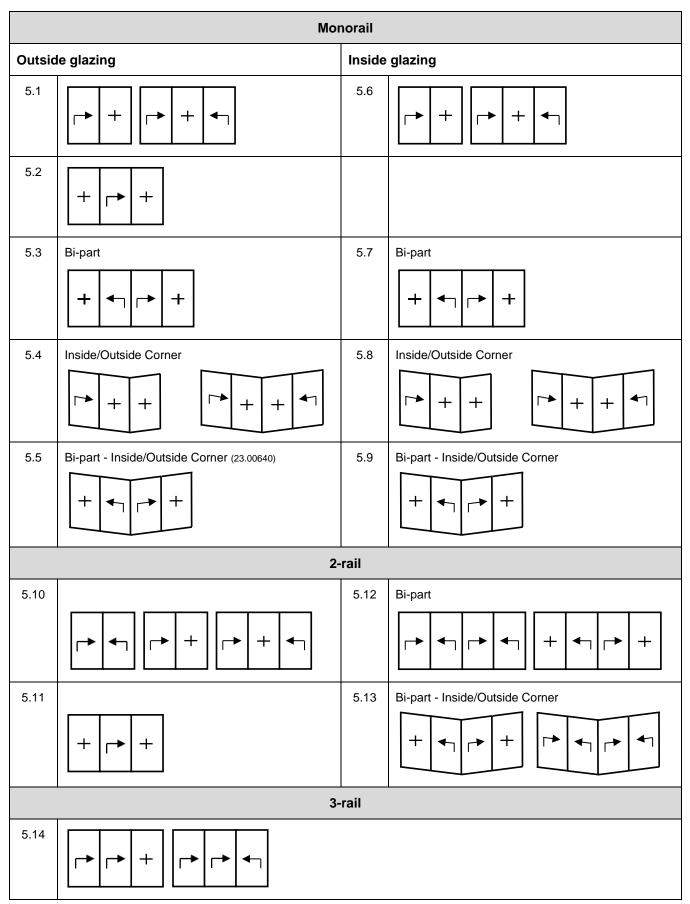
2 NOTIFIED BODIES

| 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 | EFECTIS 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 |

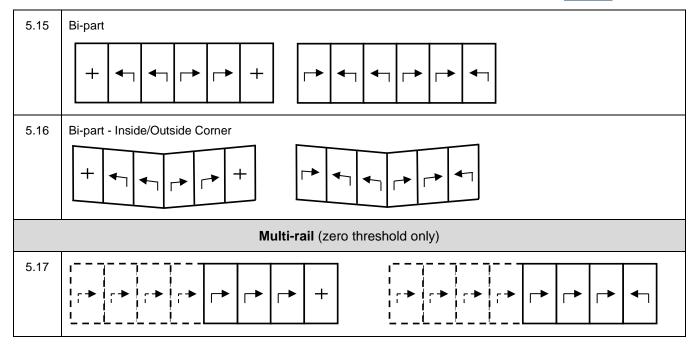


3 VARIANTS

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







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







Pocket

Lift sliding vent

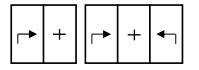
Fixed vent

 $^{(2)}$ Tubular glazing beads: p < 2000 Pa, WxH < 3200x3200 mm (fixed windows only)



5 PERFORMANCE

5.1 Monorail - Outside glazing



(*) Slim Chicane

| | | Characteristic | Performa | ance | No | tified body - Report | Tested size [mm] | | | |
|------------|-------|--|--|--|---|---|--|--|--|--|
| | | | Essen | tial char | acterist | ics | | | | |
| | 4.2 | Resistance to wind load | C4 (1600 C3 (1200 C3 (1200 C3 (2000 | Pa) Pa) | [09 | 0960] – 20.00751 ^(*) [0960] – 20.01576 60] – 21.00586 rev A [0960] – 22.00447 | 1500x2380 ⁽²⁾ 2000x3000 ⁽²⁾ 1800x3600 ⁽²⁾ 1500x2380 ⁽²⁾ | | | |
| | 4.5 | Watertightness | E1200 (1200 Pa) E1050 (1050 Pa) 9A (600 Pa) 9A (600 Pa) | | [0960] – 20.00751 ^(*) [0960] – 20.01576 [0960] – 21.00586 rev A [0960] – 22.00447 | | 1500x2380 2000x3000 1800x3600 1500x2380 | | | |
| | 4.6 | Dangerous substances | In the mater | ials deliv | ered by | Reynaers, no dangerous hEN 14351-1 are used. | substances as indicated in | | | |
| | 4.7 | Impact resistance | 4 | | [0 | 0960] – 21.00887.2 | 2380x2380 | | | |
| 51-1 | 4.8 | Load-bearing capacity of safety devices | | | | npd | | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | | |
| ш | 4.11 | Acoustic performance | Glass: 36 (-1;-5) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5) | Sliding 34 (-2 37 (-2 41 (-2 44 (-2 | 2;-4) 1;-4) 2;-5) | [0960] - 20.00651.1 [0960] - 20.00651.2 [0960] - 20.00651.3 [0960] - 20.00651.4 | 2705x2360 | | | |
| | 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 | The | These properties must be evaluated by the CE-label of the glass | | | | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 20.00751 ^(*) [0960] – 20.01576 [0960] – 21.00586 rev A [0960] – 22.00447 | | 1500x2380 2000x3000 1800x3600 1500x2380 | | | |
| | • | | Non-ess | Non-essential characteristics | | | | | | |
| | 4.4.1 | Reaction to fire | Anodized Painted: Gaskets | A2 | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | | | |
| | 4.16 | Operating forces | 0 1 1 | | [09 | 60] – 22.00537 rev A 60] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.17 | Mechanical strength | 4 | | [| 0960] – 21.00887.1 | 2380x2380, 230kg | | | |
| Ξ | 4.18 | Ventilation | | | | npd | | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | | | | npd | | | | |
| Ξ | 4.20 | Explosion resistance | | | | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.00 3 (20.00 4 (50.00 |)0) | [09 | 60] – 22.00537 rev A 60] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.22 | Behaviour between different climates | | | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | RC2 | | [0 | 0960] – 20.01545-2 | See report | | | |



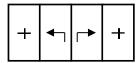
5.2 Monorail - Outside glazing



| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | | | |
|------------|-------|--|--|--|--|--|--|--|--|--|
| | | | Essential char | acteristics | | | | | | |
| | 4.2 | Resistance to wind load | C3 (1200 Pa) | [0960] – 22.00078 | 1500x2404 ⁽²⁾ | | | | | |
| | 4.5 | Watertightness | E1050 (1050 Pa) | E1050 (1050 Pa) [0960] – 22.00078 1500x2404 | | | | | | |
| | 4.6 | Dangerous substances | In the materials deliv | In the materials delivered by Reynaers, no dangerous substances as indicated i hEN 14351-1 are used. | | | | | | |
| | 4.7 | Impact resistance | 4 | [0960] – 21.00887.2 | FbxFh > 2380x2380 | | | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 1 | 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] – 22.00078 | 1500x2404 | | | | | |
| | | | Non-essential ch | aracteristics | | | | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | | | |
| 7 | 4.18 | Ventilation | | npd | | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | | npd | | | | | | |
| EN | 4.20 | Explosion resistance | | npd | | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.22 | Behaviour between different climates | npd | | | | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | | | |



5.3 Monorail - Outside glazing - Bi-part

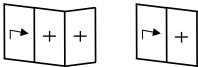


| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | | | |
|------------|----------|--|--|---|--|--|--|--|--|--|
| | | _ | Essential char | acteristics | | | | | | |
| | 4.2 | Resistance to wind load | B4 (1600 Pa) | [0960] - 20.01671 ⁽¹⁾ | 1500x2380 ⁽²⁾ | | | | | |
| | 4.5 | Watertightness | E1200 (1200 Pa) | E1200 (1200 Pa) [0960] – 20.01671 ⁽¹⁾ 1500x2380 | | | | | | |
| | 4.6 | Dangerous substances | In the materials deliv | In the materials delivered by Reynaers, no dangerous substances as indicat hEN 14351-1 are used. | | | | | | |
| | 4.7 | Impact resistance | 4 | [0960] – 21.00887.2 | 2380x2380 | | | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 14 | 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] – 20.01671 ⁽¹⁾ | 1500x2380 | | | | | |
| | <u> </u> | | Non-essential ch | aracteristics | | | | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | | | |
| 7 | 4.18 | Ventilation | | npd | | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | | npd | | | | | | |
| EN | 4.20 | Explosion resistance | | npd | | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | | | |

⁽¹⁾ Chicane with reinforcement



5.4 Monorail - Outside glazing - Inside/Outside Corner



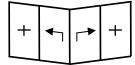
+ + +

(*) Slim Chicane

| Characteristic | | Performance | | No | otified body - Report | Tested size [mm] | | | | |
|----------------|-------|--|--|--|---|--|--|--|--|--|
| | | | Essen | tial characte | eristi | cs | | | | |
| | 4.2 | Resistance to wind load | C4 (160 C3 (120 C3 (120 C5 (200 | 0 Pa) 0 Pa) 0 Pa) | [09 | 0960] – 20.00751 ^(*) [0960] – 20.01576 [0960] – 21.00586 rev A [0960] – 22.00583 | 1500x2380 ⁽²⁾ 2000x3000 ⁽²⁾ 1800x3600 ⁽²⁾ 1500x2380 ⁽²⁾ | | | |
| | 4.5 | Watertightness | E1200 (1200 Pa) E1050 (1050 Pa) 9A (600 Pa) 9A (600 Pa) | | [09 | 0960] – 20.00751 ^(*) [0960] – 20.01576 960] – 21.00586 rev A [0960] – 22.00583 | 1500x2380 2000x3000 1800x3600 1500x2380 | | | |
| | 4.6 | Dangerous substances | In the mater | rials delivered | | Reynaers, no dangerous s nEN 14351-1 are used. | substances as indicated in | | | |
| | 4.7 | Impact resistance | 4 | | [| 0960] – 21.00887.2 | 2380x2380 | | | |
| 7 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | | |
| ш | | | Glass: | Sliding doo | or: | | | | | |
| | 4.11 | Acoustic performance | 36 (-1;-5) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5) | 34 (-2;-4) 37 (-1;-4) 41 (-2;-5) 44 (-1;-4) |)) | [0960] - 20.00651.1 [0960] - 20.00651.2 [0960] - 20.00651.3 [0960] - 20.00651.4 | 2705x2360 | | | |
| | 4.12 | Thermal transmittance | Ud to be | 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 | The | ese properties | s mu | st be evaluated by the CE | -label of the glass | | | |
| | 4.14 | Air permeability | 4 | | [0960] – 20.00751 ^(*) [0960] – 20.01576 [0960] – 21.00586 rev A [0960] – 22.00583 | | 1500x2380 2000x3000 1800x3600 1500x2380 | | | |
| | | | Non-ess | ential chara | | | | | | |
| | 4.4.1 | Reaction to fire | Anodize Painteo Gasket | l: A2 | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | | | |
| | 4.16 | Operating forces | 0 1 1 | | [09 | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.17 | Mechanical strength | 4 | | [| 0960] – 21.00887.1 | 2380x2380, 230kg | | | |
| ÷ | 4.18 | Ventilation | | | | npd | | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | | | | npd | | | | |
| Ū | 4.20 | Explosion resistance | | | | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.0 3 (20.0 4 (50.0 | 000) | [09 | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.22 | Behaviour between different climates | | | npd | | | | | |
| | 4.23 | Burglar resistance (AP version) | RC | 2 | [| 0960] – 20.01545-2 | See report | | | |



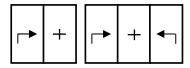
5.5 Monorail - Outside glazing - Bi-part - Inside/Outside Corner



| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | | | |
|------------|-------|--|--|---|--------------------------|--|--|--|--|--|
| | 1 | | Essential char | acteristics | | | | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 23.00640 | 1500x2380 ⁽²⁾ | | | | | |
| | 4.5 | Watertightness | 8A (450 Pa) | [0960] – 23.00640 | 1500x2380 | | | | | |
| | 4.6 | Dangerous substances | In the materials delivered by Reynaers, no dangerous substances as indicate hEN 14351-1 are used. | | | | | | | |
| | 4.7 | Impact resistance | 4 | 2380x2380 | | | | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 1 | 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] – 23.00640 | 1500x2380 | | | | | |
| | | | Non-essential ch | aracteristics | | | | | | |
| | 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 | | npd | | | | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | | | |
| 7 | 4.18 | Ventilation | | npd | | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | | npd | | | | | | |
| Ē | 4.20 | Explosion resistance | npd | | | | | | | |
| | 4.21 | Resistance to repeated opening and closing | npd | | | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | | | |



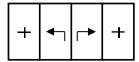
5.6 Monorail - Inside glazing



| | | Characteristic | Perform | ance | N | otified body - Report | Tested size [mm] | | |
|------------|-------|--|---|--|--|---|--|--|--|
| | | - | Essen | tial charact | eristi | CS | | | |
| | 4.2 | Resistance to wind load | C4 (160 | 0 Pa) | | [0960] – 20.00526 | 1500x2380 ⁽²⁾ | | |
| | 4.5 | Watertightness | E750 (75 | 50 Pa) | | [0960] – 20.00526 | 1500x2380 | | |
| | 4.6 | Dangerous substances | In the mater | ials delivere | | Reynaers, no dangerous su nEN 14351-1 are used. | bstances as indicated in | | |
| | 4.7 | Impact resistance | 4 | | | [0960] – 21.00887.2 | 2380x2380 | | |
| - - | 4.8 | Load-bearing capacity of safety devices | | | | npd | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | |
| EN | | | Glass: | Sliding do | oor: | | | | |
| | 4.11 | Acoustic performance | 36 (-1;-5) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5) | 34 (-2;-4 37 (-1;-4 41 (-2;-5 44 (-1;-4 | 4) [0960] - 20.00651.1 4) [0960] - 20.00651.2 5) [0960] - 20.00651.3 | | 2705×2360 | | |
| | 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 propert | | es mu | st be evaluated by the CE-l | abel of the glass | | |
| | 4.14 | Air permeability | 4 | | [0960] – 20.00526 | | 1500x2380 | | |
| | | · | Non-ess | ential chara | acteri | stics | | | |
| | 4.4.1 | Reaction to fire | Anodize Painted Gasket | : A2 | cert | C decision 96/603/EC ificate EFR-21-001664A 0432] – 230006500-6 | | | |
| | 4.16 | Operating forces | 0 1 1 | | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.17 | Mechanical strength | 4 | | | [0960] — 21.00887.1 | 2380x2380, 230kg | | |
| 7 | 4.18 | Ventilation | | | | npd | | | |
| EN 14351-' | 4.19 | Bullet resistance (BP version) | | | | npd | | | |
| Ű | 4.20 | Explosion resistance | | | | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.22 | Behaviour between different climates | | | | npd | | | |
| | 4.23 | Burglar resistance (AP version) | RC | 2 | | [0960] – 20.01545-2 | See report | | |



5.7 Monorail - Inside glazing - Bi-part

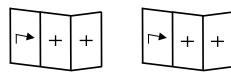


| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | | | |
|------------|-------|--|--|---|--|--|--|--|--|--|
| | | | Essential char | acteristics | | | | | | |
| | 4.2 | Resistance to wind load | C4 (1600 Pa) | [0960] – 20.00526 | 1500x2380 ⁽²⁾ | | | | | |
| | 4.5 | Watertightness | E750 (750 Pa) | E750 (750 Pa) [0960] – 20.00526 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 14 | 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] – 20.00526 | 1500x2380 | | | | | |
| | | | Non-essential ch | aracteristics | | | | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | | | |
| 7 | 4.18 | Ventilation | | npd | | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | | npd | | | | | | |
| EN | 4.20 | Explosion resistance | | npd | | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | | | |



5.8 Monorail - Inside glazing - Inside/Outside Corner

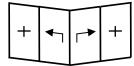
4



| | | Characteristic | Performa | ance | N | otified body - Report | Tested size [mm] | | |
|------------|-------|--|---|--|---|--|--|--|--|
| | T | 1 | Essen | tial char | acter | istics | | | |
| | 4.2 | Resistance to wind load | C4 (1600 | Pa) | | [0960] – 20.00526 | 1500x2380 ⁽²⁾ | | |
| | 4.5 | Watertightness | E750 (750 Pa) | | | [0960] – 20.00526 | 1500x2380 | | |
| | 4.6 | Dangerous substances | In the mater | ials deliv | vered | by Reynaers, no dangerou hEN 14351-1 are used. | s substances as indicated in | | |
| | 4.7 | Impact resistance | 4 | | | [0960] – 21.00887.2 | 2380x2380 | | |
| - | 4.8 | Load-bearing capacity of safety devices | | | | npd | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | |
| EN | | | Glass: | Slidi | | | | | |
| | 4.11 | Acoustic performance | 36 (-1;-5) 41 (-2;-4) 45 (-2;-6) 52 (-1;-5) | -1;-5) 34 (-2 ·2;-4) 37 (-1 ·2;-6) 41 (-2 | | [0960] - 20.00651.1 [0960] - 20.00651.2 [0960] - 20.00651.3 [0960] - 20.00651.4 | 2705×2360 | | |
| | 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 prope | | erties | must be evaluated by the C | CE-label of the glass | | |
| | 4.14 | Air permeability | 4 | 4 | | [0960] – 20.00526 | 1500x2380 | | |
| | | | Non-ess | ential ch | aract | eristics | | | |
| | 4.4.1 | Reaction to fire | Anodized Painted: Gaskets | A2 | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | | |
| | 4.16 | Operating forces | 0 1 1 | | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.17 | Mechanical strength | 4 | | | [0960] – 21.00887.1 | 2380x2380, 230kg | | |
| 7 | 4.18 | Ventilation | | | | npd | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | | | | npd | | | |
| Ē | 4.20 | Explosion resistance | | | | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.22 | Behaviour between different climates | | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | RC2 | | | [0960] – 20.01545-2 | See report | | |



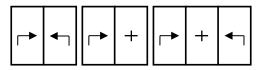
5.9 Monorail - Inside glazing - Bi-part - Inside/Outside Corner



| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | | | |
|------------|----------|--|--|---|--------------------------|--|--|--|--|--|
| | | | Essential char | acteristics | | | | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 23.00640 | 1500x2380 ⁽²⁾ | | | | | |
| | 4.5 | Watertightness | 8A (450 Pa) [0960] – 23.00640 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 | 4 | 2380x2380 | | | | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | |
| EN 12 | 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] – 23.00640 | 1500x2380 | | | | | |
| | <u> </u> | • | Non-essential ch | naracteristics | | | | | | |
| | 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 | | npd | | | | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | | | |
| - | 4.18 | Ventilation | | npd | | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | | npd | | | | | | |
| EN | 4.20 | Explosion resistance | | npd | | | | | | |
| | 4.21 | Resistance to repeated opening and closing | npd | | | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | | | |



5.10 2-rail

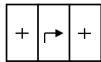


| Characteristic | | Characteristic | Performan | ce | Noti | fied body - Report | Tested | size [mm] | | | |
|----------------|-------|--|---|--|---|---|--|--|--|--|--|
| | | | Essentia | l char | acteristic | S | | | | | |
| | 4.2 | Resistance to wind load | C3 (1200 P | a) | [0960] – 20.00744 rev A [0960] – 23.00979 | | 1500 | 0x2380 ⁽²⁾ | | | |
| | 4.5 | Watertightness | E1050 (1050 Pa) 4A (150 Pa) | | | 0] – 20.00744 rev A 960] – 23.00979 | 150 | 0x2380 | | | |
| | 4.6 | Dangerous substances | In the material | s deliv | | eynaers, no dangerous EN 14351-1 are used. | substances | as indicated in | | | |
| | 4.7 | Impact resistance | 4 | | [09 | 60] – 21.00887.2 | 238 | 0x2380 | | | |
| | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | | | |
| N. N. | | | Glass: | Slidi | ng door: | | | | | | |
| | 4.11 | Acoustic performance | 36(-1;-5) 41(-2;-4) 45(-2;-6) 50(-2;-8) 52(-1;-5) | 39 41 43(| 5(-2;-4) 9(-1;-3) (-2;-4) (-1;-4) * (-2;-3) * | [0757] - 22-002767-Pf [0757] - 22-002767-Pf [0757] - 22-002767-Pf [0757] - 22-002767-Pf [0757] - 22-002767-Pf | R01 PB 01 R01 PB 01 R01 PB 01 | 2705x2350 | | | |
| | 4.12 | Thermal transmittance | Ud to be ca | 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 | These properties must be evaluated by the CE-labe | | | | | | | |
| | 4.14 | Air permeability | 4 | 4 | | [0960] – 20.00744 rev A [0960] – 23.00979 | | 0x2380 | | | |
| | | | Non-essen | tial ch | naracteris | tics | | | | | |
| | 4.4.1 | Reaction to fire | Anodized: A Painted: A Gaskets: B | 2 | EC decision 96/603/EC certificate EFR-21-001664A [0432] – 230006500-6 | | | | | | |
| | 4.16 | Operating forces | 0 1 1 | | [0960 | 0] – 22.00537 rev A 0] – 22.00926 rev A 960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | | |
| | 4.17 | Mechanical strength | 4 | | [09 | 60] – 21.00887.1 | 2380x2 | 380, 230kg | | | |
| Ξ | 4.18 | Ventilation | | | | npd | | | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | | | | npd | | | | | |
| Ξ | 4.20 | Explosion resistance | | | | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | | [0960 | 0] – 22.00537 rev A 0] – 22.00926 rev A 960] – 23.00190 | 3600x3 | 000, 400kg 000, 500kg 000, 400kg | | | |
| | 4.22 | Behaviour between different climates | npd | | | | | | | | |
| | 4.23 | Burglar resistance (AP version) | RC2 | | [09 | 60] – 20.01545-2 | See | e report | | | |

* Non-standard configuration



5.11 2-rail

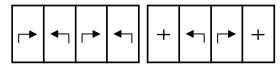


| | | Characteristic | Perform | ance | No | otified body - Report | Test | ed size [mm] | |
|------------|-------|--|--|---|-------------------|--|--|--|--|
| | | | Essent | tial charact | eristi | cs | | | |
| | 4.2 | Resistance to wind load | C3 (1200 | 0 Pa) | | [0960] – 22.00078 | 15 | 00x2404 ⁽²⁾ | |
| | 4.5 | Watertightness | E1050 (10 | 50 Pa) | | [0960] – 22.00078 | 1 | 500x2404 | |
| | 4.6 | Dangerous substances | In the mater | ials delivere | | Reynaers, no dangerous hEN 14351-1 are used. | substance | es as indicated in | |
| | 4.7 | Impact resistance | 4 | | [| 0960] – 21.00887.2 | 2 | 380x2380 | |
| | 4.8 | Load-bearing capacity of safety devices | | npd | | | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | | |
| ĒN | | | | Sliding do | oor: | | | | |
| | 4.11 | Acoustic performance | 36(-1;-5) 41(-2;-4) 45(-2;-6) 50(-2;-8) 52(-1;-5) | 41(-2;-4) 39(-1;-3) 45(-2;-6) 41(-2;-4) 50(-2;-8) 43(-1;-4) | | [0757] - 22-002767-PR0 [0757] - 22-002767-PR0 [0757] - 22-002767-PR0 [0757] - 22-002767-PR0 [0757] - 22-002767-PR0 | 1 PB 01 1 PB 01 2705x2350 1 PB 01 | | |
| | 4.12 | Thermal transmittance | Ud to be calculated in function of the project. Uf-values are calculated und certification of BCCA: certificate BPCB-420-72-10077/2. | | | | | | |
| | 4.13 | Radiation properties | The | se propertie | es mu | st be evaluated by the CE | -label of t | he glass | |
| | 4.14 | Air permeability | 4 | | [0960] – 22.00078 | | 1 | 500x2404 | |
| | | | Non-esse | ential chara | acteri | stics | | | |
| | 4.4.1 | Reaction to fire | Anodized Painted Gasket | : A2 | certi | C decision 96/603/EC ficate EFR-21-001664A /432] – 230006500-6 | | | |
| | 4.16 | Operating forces | 0 1 1 | | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.17 | Mechanical strength | 4 | | [| 0960] – 21.00887.1 | 2380 | x2380, 230kg | |
| Ξ | 4.18 | Ventilation | | | | npd | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | | | | npd | | | |
| | 4.20 | Explosion resistance | | | | npd | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.0 3 (20.0 4 (50.0 | 00) | | 960] – 22.00537 rev A 960] – 22.00926 rev A [0960] – 23.00190 | 3600 | x3000, 400kg x3000, 500kg x3000, 400kg | |
| | 4.22 | Behaviour between different climates | | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | | | | npd | | | |

* Non-standard configuration



5.12 2-rail - Bi-part

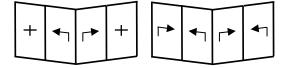


| | | Characteristic | Performance | ce | Notif | ied body - Report | Tested | size [mm] |
|------------|-------|--|---|--|---|---|--|----------------------|
| | | | Essentia | l char | acteristic | s | 1 | |
| | 4.2 | Resistance to wind load | C3 (1200 P | a) | [0960 |)] – 20.00744 rev A | 1500 | x2380 ⁽²⁾ |
| | 4.5 | Watertightness | E1050 (1050 | E1050 (1050 Pa) | |)] – 20.00744 rev A | 150 | 0x2380 |
| | 4.6 | Dangerous substances | In the material | In the materials delivered by Reynaers, no dangerous su hEN 14351-1 are used. | | substances | as indicated in | |
| | 4.7 | Impact resistance | 4 | | [09 | 60] – 21.00887.2 | 238 | 0x2380 |
| | 4.8 | Load-bearing capacity of safety devices | | npd | | | | |
| EN 14351-1 | 4.9 | Height & width | | | | See 6 | | |
| EN 1 | 4.11 | Acoustic performance | Glass: 36(-1;-5) 41(-2;-4) 45(-2;-6) 50(-2;-8) 52(-1;-5) | 36 39 41 43(| ng door: (-2;-4) (-1;-3) (-2;-4) -1;-4) * -2;-3) * | [0757] - 22-002767-PF [0757] - 22-002767-PF [0757] - 22-002767-PF [0757] - 22-002767-PF [0757] - 22-002767-PF | R01 PB 01 R01 PB 01 R01 PB 01 | 2705x2350 |
| | 4.12 | Thermal transmittance | Ud to be cal | 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 | | | | glass | |
| | 4.14 | Air permeability | 4 [0960] – 20.00744 rev A | | 150 | 0x2380 | | |
| | | | Non-essen | tial ch | aracteris | tics | | |
| | 4.4.1 | Reaction to fire | Anodized: A Painted: A Gaskets: E | 2 | certifica | lecision 96/603/EC ate EFR-21-001664A 32] – 230006500-6 | | |
| | 4.16 | Operating forces | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | | 3600x3 | 000, 400kg 000, 500kg 000, 400kg | |
| | 4.17 | Mechanical strength | 4 | | [09 | 60] – 21.00887.1 | 2380x2 | 380, 230kg |
| Ξ | 4.18 | Ventilation | npd | | | | | |
| EN 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| | 4.20 | Explosion resistance | | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | | 3 (20.000) [0960] - 22.00537 rev A 3 (20.000) [0960] - 22.00926 rev A 4 (50.000) [0960] - 23.00190 | | 3600x3 | 000, 400kg 000, 500kg 000, 400kg | |
| | 4.22 | Behaviour between different climates | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | | | | npd | | |

* Non-standard configuration



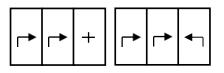
5.13 2-rail - Bi-part - Inside/Outside Corner



| | Characteristic | | Performance | Notified body - Report | Tested size [mm] | | | |
|------------|----------------|--|--|---|--------------------------|--|--|--|
| | | | Essential char | acteristics | | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 23.00640 | 1500x2380 ⁽²⁾ | | | |
| | 4.5 | Watertightness | 8A (450 Pa) | [0960] – 23.00640 | 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | |
| EN 14 | 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] – 23.00640 | 1500x2380 | | | |
| | | | Non-essential ch | naracteristics | | | | |
| | 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 | | npd | | | | |
| | 4.17 | Mechanical strength | npd | | | | | |
| 7 | 4.18 | Ventilation | npd | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| Ē | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | npd | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | | npd | | | | |



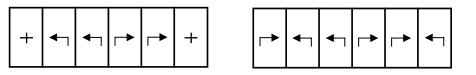
5.14 3-rail



| Characteristic | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | |
|----------------|-------|--|--|---|--|--|--|--|
| | Γ | | Essential char | acteristics | | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 21.01396 | 1500x2380 | | | |
| | 4.5 | Watertightness | 8A (450 Pa) | [0960] – 21.01396 | 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | | |
| 351-1 | 4.8 | Load-bearing capacity of safety devices | | npd | | | | |
| EN 14351-1 | 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] – 21.01396 | 1500x2380 | | | |
| | | | Non-essential ch | aracteristics | | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | | |
| 5 | 4.18 | Ventilation | npd | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| EN | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | | |
| | 4.22 | Behaviour between different climates | npd | | | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | | | |



5.15 3-rail - Bi-part

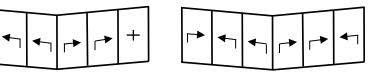


| Characteristic | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | |
|----------------|-------|--|--|---|--|--|--|
| | 1 | | Essential charac | cteristics | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 21.01396 | 1500x2380 ⁽²⁾ | | |
| | 4.5 | Watertightness | 8A (450 Pa) | [0960] – 21.01396 | 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | npd | | | | |
| EN 1 | 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] – 21.01396 | 1500x2380 | | |
| | | | Non-essential cha | racteristics | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | |
| 7 | 4.18 | Ventilation | npd | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | |
| | 4.20 | Explosion resistance | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.22 | Behaviour between different climates | | npd | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | | |

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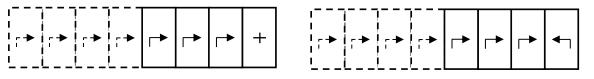
5.16 3-rail - Bi-part - Inside/Outside Corner



| Characteristic | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | | |
|----------------|-------|--|--|---|--------------------------|--|--|--|
| | | | Essential charac | cteristics | | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 23.00640 | 1500x2380 ⁽²⁾ | | | |
| | 4.5 | Watertightness | 8A (450 Pa) | [0960] – 23.00640 | 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | | |
| EN 14351-1 | 4.8 | Load-bearing capacity of safety devices | npd | | | | | |
| EN 14 | 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] – 23.00640 | 1500x2380 | | | |
| | | | Non-essential cha | racteristics | | | | |
| | 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 | npd | | | | | |
| | 4.17 | Mechanical strength | npd | | | | | |
| 7 | 4.18 | Ventilation | npd | | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | | |
| Ш | 4.20 | Explosion resistance | npd | | | | | |
| | 4.21 | Resistance to repeated opening and closing | npd | | | | | |
| | 4.22 | Behaviour between different climates | | npd | | | | |
| | 4.23 | Burglar resistance (AP version) | npd | | | | | |



5.17 Multi-rail

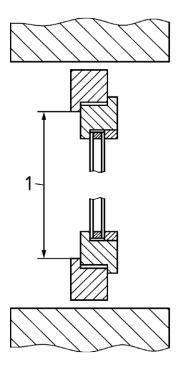


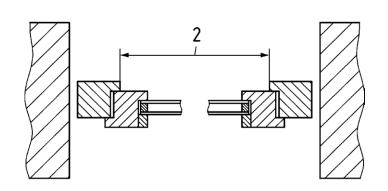
| | | Characteristic | Performance | Notified body - Report | Tested size [mm] | | |
|------------|-------|--|--|---|--|--|--|
| | | | Essential charac | cteristics | | | |
| | 4.2 | Resistance to wind load | C2 (800 Pa) | [0960] – 23.00977 | 1500x2380 ⁽²⁾ | | |
| | 4.5 | Watertightness | 7A (300 Pa) | [0960] – 23.00977 | 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 | 4 | [0960] – 21.00887.2 | 2380x2380 | | |
| 351-1 | 4.8 | Load-bearing capacity of safety devices | npd | | | | |
| EN 14351-1 | 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] – 23.00977 | 1500x2380 | | |
| | | | Non-essential cha | racteristics | | | |
| | 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 | 0 1 1 | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 4.17 | Mechanical strength | 4 | [0960] – 21.00887.1 | 2380x2380, 230kg | | |
| 7 | 4.18 | Ventilation | npd | | | | |
| N 14351-1 | 4.19 | Bullet resistance (BP version) | npd | | | | |
| EN | 4.20 | Explosion resistance | npd | | | | |
| | 4.21 | Resistance to repeated opening and closing | 3 (20.000) 3 (20.000) 4 (50.000) | [0960] – 22.00537 rev A [0960] – 22.00926 rev A [0960] – 23.00190 | 3600x3000, 400kg 3600x3000, 500kg 3600x3000, 400kg | | |
| | 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

13/10/2022

| | VARIANTS | Characteristic |
|----------|----------|----------------|
| 22.00447 | 5.1 | 4.2, 4.5, 4.14 |

14/12/2022

| | VARIANTS | Characteristic |
|----------------------|------------|----------------|
| 22-002767-PR01 PB 01 | 5.8 ~ 5.10 | 4.11 |
| 22-002767-PR01 PB 02 | 5.8 ~ 5.10 | 4.11 |

21/03/2023

| | VARIANTS | Characteristic |
|----------|------------|----------------|
| 22.00926 | 5.1 ~ 5.12 | 4.16, 4.21 |
| 20.00738 | 5.1 ~ 5.12 | 4.16, 4.21 |

26/06/2023

| | VARIANTS | Characteristic |
|----------|------------|----------------|
| 23.00190 | 5.1 ~ 5.12 | 4.16, 4.21 |

31/07/2023

| | VARIANTS | Characteristic |
|----------|----------|----------------|
| 23.00640 | 5.5 | 4.2, 4.5, 4.14 |

25/09/2023

| | VARIANTS | Characteristic |
|------------------|------------------------|----------------|
| Text revision | GENERAL EXPLANATION | |
| Tested size [mm] | 5.1 – 5.13 | |
| Text revision | 5.1 – 5.13 | 4.12 |

26/10/2023

| | VARIANTS | Characteristic |
|----------|----------|----------------|
| 23.00977 | 5.17 | 4.2, 4.5, 4.14 |
| 23.00979 | 5.10 | 4.2, 4.5, 4.14 |