

Certificate of Product Approval

Certificate Number: 1479c

Issue: 02

Alluser Industrie Srl

Via dell'Industria, 18
35020 Due Carrare - Padova
Italy



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Product

C190
security portals

Standard

LPS 1175: Issue 8
Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

This certificate and appendix is maintained and held in force through regular surveillance activities

Signed for BRE Global Ltd.

Paul Dillon
Verifier

21 January 2020
Date of Issue

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Security Portals

| Product Name | Model | Type | Nominal External Height (m) | Nominal External Diameter (m) | Entrance Height (m) | Entrance Width (m) | Security Rating | LPCB Ref. No. |
|--------------|-------|---|-----------------------------|-------------------------------|---------------------|--------------------|-----------------|---------------|
| C190 | S1 | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | A1 (SR1) | 1479c/01 |
| | R-S1 | Cylindrical portal with two pairs of bi-parting doors | 2.245, 2.32, 2.485 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | A1 (SR1) | |
| | S2 | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | B3 (SR2) | |
| | R-S2 | Cylindrical portal with two pairs of bi-parting doors | 2.245, 2.32, 2.485 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | B3 (SR2) | |
| | S3 | Cylindrical portal with two pairs of bi-parting doors | 2.22, 2.295, 2.46 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | C5 (SR3) | |
| | R-S3 | Cylindrical portal with two pairs of bi-parting doors | 2.245, 2.32, 2.485 | 1.911 | 2.06, 2.135, 2.3 | 1.2 | C5 (SR3) | |

Optional Design Features / Accessories

| Option / Accessory | Description | C190 Model | | | | | |
|-------------------------|---|------------|------|----|------|----|------|
| | | S1 | R-S1 | S2 | R-S2 | S3 | R-S3 |
| Access control brackets | Brackets for various access control card readers | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Access for servicing | Access to motor and electronics via removal of the outer canopy on the secure side of the portal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Access to motor and electronics via removal of the ceiling from inside the portal; electronics installed 'upside down' to provide sufficient access | ✓ | ✓ | ✓ | ✓ | - | - |
| | Electronics located in a locked external box on secure side of portal; electronics connected to the portal via an extension cable | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cladding | Brushed stainless steel, polished stainless steel or anodised aluminium cladding applied to top canopy, door frames or entire portal | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Connection box | Connection board within canopy to allow connections to access control management systems, fire alarms etc | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Detection system | Detection system built into ceilings and/or pressure-sensitive mats in base to detect multiple occupants | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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| Option / Accessory | Description | C190 Model | | | | | |
|------------------------------|--|------------|------|----|------|----|------|
| | | S1 | R-S1 | S2 | R-S2 | S3 | R-S3 |
| Emergency release system | Emergency release lever located within the portal to release the outer doors | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Emergency release lever located on the non-attack face of the portal to release the inner doors | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| First transit / Last exit | 'Night mode' activated by key or access control after last person exits through the portal. 'Night mode' deactivated by key or access control, allowing the first person to enter through the portal. Portal remains locked and empty after last exit / before first transit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Interior intercom | Interior intercom | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| IR extra safety sensor | Additional IR safety sensor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Night lock | Key switch located on attack face of portal to mechanically prevent outer doors from opening | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Portal controllers | Range of control panels with and without displays and remote portal controls | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Reed switches | Located on doors and/or canopy to detect attempts at tampering | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rescue push button | Push button release located within portal to activate last portal working action | ✓ | ✓ | ✓ | ✓ | - | - |
| Service mode | Key switch located on non-attack face of portal to place portal into 'service mode' | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Surface-mounted installation | Portal surface-mounted with access ramp instead of being installed flush with finished floor level | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Traffic lights | Access control system with 'traffic light' indicators incorporating an intercom | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Weather seals | Self-adhesive weather strips on edges of door leaves | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Notes

1. The portals are supplied with a number of standard features such as LED lights within the ceiling. Certification does not cover the use of other optional design features or accessories that are not listed. Utilisation of other accessories may affect the level of security offered by the portals. For full details of the optional design features and accessories refer to the manufacturer.
2. On the S2/R-S2 (to release the outer doors only) and S3/R-S3 (to release either the inner or outer doors) models the emergency release system is deadlocked by a key. Although outside the scope of LPS 1175, special consideration should be paid to the use of an emergency release system with a separate deadlock.

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3. The portal is configured as 'fail secure'. The resistance of the access control system to "non-mechanical" attack has not been assessed as it is outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of any access control equipment that may be used to operate these locking systems. This is because the scope of access control devices and system configurations that may be used with these locking systems is "infinite". It is therefore recommended that specifiers and installers satisfy themselves that the components are either resistant to mechanical and other forms of tampering/abuse, or that they are suitably protected from such tampering/abuse and are resistant to any environmental conditions/interference that may cause the locking system to disengage.
4. The portals are approved for installation into existing structures offering equivalent resistance to physical attack as the portals in accordance with the instructions contained on the documents titled 'Portal C190 – MY18 Mechanical Assembly Manual' Release 1.0.

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