

# Altro Stronghold K30

## BPIR Declaration

Version: V1

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### Designated building product: Class 1

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### Declaration

Altro APAC Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

Name	Altro Stronghold K30
Line	Safety Flooring
Identifier	Stronghold K30

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### Description

- Commercial, Industrial, Office and Residential Areas.
  - Commercial Kitchen Floors.
  - Vinyl
  - Roll Sizes: 3.0mm x 2.0m x 15m rolls.
  - 16 colours.
  - Slip Resistance: SRV of 68
  - Slip Resistance: R12
  - 10dB Acoustic ICC.
  - Commercial Very Heavy Duty.
  - High Hygiene
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### Scope of use

- Building types: Offices, residential, commercial and industrial.
- Main locations: Commercial Kitchens
- Building location: Suitable in heavy traffic areas or where furniture may cause wear.
- Suitable for use with castors and trolleys.

- Suitable for use in laboratories (chemical resistance) and food preparation areas.
- Cleanability: Easy to clean.
- Compatible with underfloor heating
- Access Routes D1.3.3 (d): SRV of 68 to AS 4586: 2013 Appendix A and R12 to AS 4586 Appendix D.
- Fire Affecting Areas Beyond the Fire Source C3.4(b): Minimum Critical Radiant Flux of 8.9kW/m<sup>2</sup> to ISO 9239-1:2010
- Internal Moisture E3: Suitable for use in wet areas and floors adjacent to sanitary fixtures or sanitary appliances - impervious and easy to clean.
- Suitable for use on floors in food preparation areas (including residential/domestic kitchens)
- Suitable for use in buildings with adjoining vertical tenancies in conjunction with other acoustic measures - 10dB ICC to ISO 140-8

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## Conditions of use

- Stronghold K30 must be installed in accordance with NZS AS 1884:2013.
- Stronghold K30 must be maintained and cleaned in accordance with our Safety Flooring Illustrated Cleaning Guide - manual referred to in documents.
- Where used as part of a system to reduce sound transmission Stronghold K30 must be installed in accordance with NZS AS 1884:2013.

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## Relevant building code clauses

**B2 Durability – B2.3.1 (c)**

**C3 Fire affecting areas beyond the fire source – C3.4 (b)**

**D1 Access Routes – D1.3.3 (d)**

**E3 Internal moisture – E3.3.3, E3.3.5, E3.3.6**

**F2 Hazardous building materials – F2.3.1**

**G3 Food preparation and prevention of contamination – G3.3.2 (b)**

**G6 Airborne and impact sound – G6.3.1, G6.3.2**

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## Contributions to compliance

- B2.3.1(c) (i) and (ii): Stronghold K30 has a durability of at least 20 years. Refer to NZS AS 1884:2013 for installation requirements
- C3.4(b): Stronghold K30 has a minimum critical radius flux when tested to ISO 9239-1: 2010 of 8.9 kW/m<sup>2</sup>. E-mail shaun@altro.com for a copy of the Fire Test Certificate.
- D1.3.3(d) Stronghold K30 has an SRV classification of not less than 39 from the wet pendulum test method of AS 4586 Appendix A using the Slider 96 rubber. E-mail shaun@altro.com for a copy of the Slip Test Reports.
- E3.3.3, 3.3.5 and 3.3.6: Stronghold K30 is impervious and easily cleaned. Refer to NZS AS 1884:2013 for installation requirements and our Safety Flooring Illustrated Cleaning Guide - manual, referenced in documents.
- F2.3.1: Stronghold K30 is safe when handled. There are no requirements for this product in order to comply with Acceptable Solution F2/AS1, First Edition Amendment 3, 2017. Refer to our Safety Flooring material safety datasheet referenced under documentation.
- G3.3.2(a) Stronghold K30 is impervious and easily cleaned. Refer to NZS AS 1884:2013 for installation requirements and our Safety Flooring Illustrated Cleaning Guide - manual, referenced in documents.
- G3.3.2(b) Stronghold K30 is free from hazardous substances which could cause contamination to the building contents. Refer to Safety Flooring material safety datasheet and Floors HACCP Certification referenced under documentation.
- G6.3.1, 6.3.2. Stronghold K30 contributes 10dB ICC for floors. E-mail shaun@altro.com for a copy of the Acoustic Test Report.

## Supporting documentation

The following additional documentation supports the above statements:

<b>Altro safety flooring illustrated cleaning guide - manual</b>	August 2021	<a href="https://www.altro.com/nz/technical-documents/altro-safety-flooring-illustrated-cleaning-manual">https://www.altro.com/nz/technical-documents/altro-safety-flooring-illustrated-cleaning-manual</a>
<b>Altro Safety Flooring MSDS</b>	07 Jan 2019	<a href="https://www.altro.com/nz/technical-documents/altro-safety-flooring-msds">https://www.altro.com/nz/technical-documents/altro-safety-flooring-msds</a>
<b>HACCP Floors Certification</b>		<a href="https://www.altro.com/nz/technical-documents/HACCP-floors-certification">https://www.altro.com/nz/technical-documents/HACCP-floors-certification</a>

For further information supporting Altro Stronghold K30 claims refer to our website.

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## Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	Altro PLC
Legal and trading name of importer	Altro APAC Ltd
Importer address for service	88 Logis Boulevard DANDENONG SOUTH VIC 3175
Importer website	<a href="http://www.altro.nz">www.altro.nz</a>
Importer NZBN	
Importer email	shaun@altro.com
Importer phone number	0279701696

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## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that Altro Stronghold K30 is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Altro APAC Ltd**:

*Shaun Armstrong*

Shaun Armstrong  
NZ Sales Manager  
December 2023

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# Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

## BPIR Ready selections

Category: Floor coverings

	Yes	No
Use on access routes	x	
Use in areas with floor surface fire obligations	x	
Use in wet areas	x	
Use in food preparation areas	x	
Part of a system for acoustic performance	x	

## Building code performance clauses

### B2 Durability

B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (c) 5 years if: the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and failure of those building elements to comply with the building code would be easily detected during normal use of the building.

## C3 Fire affecting areas beyond the fire source

### C3.4

#### Surface Linings

- (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below: Area of building Minimum critical radius flux when tested to ISO 9239-1: 2010 Buildings not protected with an automatic fire sprinkler system Buildings protected with an automatic fire sprinkler system Sleeping areas and exitways in buildings where care or detention is provided 4.5 kW/m<sup>2</sup> 2.2 kW/m<sup>2</sup> Exitways in all other buildings 2.2 kW/m<sup>2</sup> 2.2 kW/m<sup>2</sup> Firecells accommodating more than 50 persons 2.2 kW/m<sup>2</sup> 1.2 kW/m<sup>2</sup> All other occupied spaces except household units 1.2 kW/m<sup>2</sup> 1.2 kW/m<sup>2</sup>

## D1 Access Routes

### D1.3.3

Access routes shall:

- (d) have adequate slip-resistant walking surfaces under all conditions of normal use

## E3 Internal moisture

### E3.3.3

Floor surfaces of any space containing *sanitary fixtures* or *sanitary appliances* must be impervious and easily cleaned.

### E3.3.5

Surfaces of *building elements* likely to be splashed or become contaminated in the course of the *intended use* of the building, must be *impervious* and easily cleaned.

### E3.3.6

Surfaces of *building elements* likely to be splashed must be constructed in a way that prevents water splash from penetrating behind linings or into *concealed spaces*.

## F2 Hazardous building materials

### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

## G3 Food preparation and prevention of contamination

G3.3.2

Spaces for food preparation and utensil washing shall have:

- (b) all building elements constructed with materials which are free from hazardous substances which could cause contamination to the building contents

## **G6 Airborne and impact sound**

G6.3.1

The *Sound Transmission Class* of walls, floors and ceilings, shall be no less than 55.

G6.3.2

The *Impact Insulation Class* of floors shall be no less than 55.