

# Product Review

## Fortis

### R9 Homogeneous Vinyl

04/24

pg 1/5



# Product Review

## Fortis

### R9 Homogeneous Vinyl



04/24

pg 2/5

#### Product class

Class 1 - Batch or mass-produced products

#### Product name

Fortis - Homogeneous Vinyl

#### Product description and its intended use

Fortis is a high-performance homogenous sheet vinyl and is supplied in roll format to be installed wall – to – wall. The term Homogeneous is taken to mean that the product is manufactured using a single material layer. Fortis homogeneous sheet vinyl is comprised of a polyvinyl chloride material. Homogeneous sheet vinyl is supplied in full rolls of either 2.0m wide, full roll length is 20m.

#### Product identifier

Fortis - Anthracite, Bone, Cobalt, Coral, Fog, Gold, Indigo, Kiwi, Orange, Silver, Steel and Tabacco.

(Note other indent colour options may be available, contact Advance Flooring for further information)

#### Place Manufactured (New Zealand or Overseas)

Overseas, manufactured in Hungary.

#### Relevant Building Code clauses

B2 Durability	Performance clause B2.3.1 c) 5 years
C3 Fire Affecting Area beyond the source	Performance clause C3.4 b) - does not apply to detached dwellings, within household units in multi-unit dwellings or outbuildings and ancillary buildings.
D1 Access Routes	Performance clause D1.3.3 d)
E3 Internal Moisture	Performance clause E3.3.3 and E3.3.5
F2 Hazardous Building Materials	Performance clause F2.3.1
G3 Food preparation and prevention of contaminants	Performance caluse G3.3.2 a) and G3.3.2 b)

Advance Flooring Systems Ltd

[sales@advanceflooring.co.nz](mailto:sales@advanceflooring.co.nz)

[www.advanceflooring.co.nz](http://www.advanceflooring.co.nz)

Call **0508 238 262**

  
**Advance**  
FLOORING SYSTEMS

# Product Review

## Fortis

### R9 Homogeneous Vinyl

04/24

pg 3/5



#### Statement of how the building product is expected to contribute to compliance

##### **B2 Durability - B2.3.1 c)**

- Fortis has a durability beyond 5 years, based on NZBC B2/VM1 clause 1.1 In-service history.
- Durability supported by a 10 year product warranty.

##### **C3 Fire Affecting Area Beyond the Source - C3.4 b)**

- Fortis flooring has been tested to EN ISO 9239.1 – 2010 Flux) mean of 11 kW/m<sup>2</sup>. Refer to OETI Test Report VN710 153034.1 dated 16 April 2019.

##### **D1 Access Routes - D1.3.3 d)**

- Fortis homogenous sheet vinyl covered by this statement is slip rated for access routes against on or more of the following international standards. DIN 51130.2014, EN ISO/IEC 17025, EN 13893, ASTM C1028 Dry.

##### **E3 Internal Moisture - E.3.3 and E3.3.5**

- Fortis homogenous sheet vinyl is an acceptable solution defined under E3/AS1, 3.1.1 (a) as integrally waterproof sheet material

##### **F2 Hazardous Building Materials - F2.3.1**

- Fortis is manufactured from nontoxic materials and is phthalate, solvent and heavy metal free.

##### **G3 Food preparation and prevention of contamination - G3.3.2 a) and G3.3.2 b)**

- Fortis homogenous sheet vinyl is impervious and easily cleaned.
- Fortis homogenous sheet vinyl is free from hazardous materials.

Advance Flooring Systems Ltd

[sales@advanceflooring.co.nz](mailto:sales@advanceflooring.co.nz)

[www.advanceflooring.co.nz](http://www.advanceflooring.co.nz)

Call **0508 238 262**

# Product Review

## Fortis

### R9 Homogeneous Vinyl



04/24

pg 4/5

#### Limitations on the use of the building product

- Suitable for interior applications only.
- Not suitable for sloping access routes - wet
- In connection with underfloor heating including in-slab piped water heating – suitable up to 27C maximum.

#### Design requirements that would support the appropriate use of the building product

- Fortis is suitable for all areas requiring a high performing, durable, easy to clean smooth hard surface.
- Fortis is suitable for high traffic areas.

#### Installation requirements

- Install in accordance with Advance Flooring Installation guide for Fortis Homogenous Vinyl Floorcovering
- Ensure substrate is smooth, dry, clean, and free from contamination. For internal applications ensure substrate does not vary from required level by no more than 4mm measured under a 4m straight edge.
- Substrate must have a relative humidity of 75% or below.
- Seams must be welded with Advance Flooring supplied weld rod.
- Must be laid with using adhesive specified and recommended Advance Flooring
- When installed in wet areas the flooring must be edge sealed as detailed in Advance Flooring installation guidelines, and seams welded where required as per best practise guidelines.

Advance Flooring Systems Ltd

[sales@advanceflooring.co.nz](mailto:sales@advanceflooring.co.nz)  
[www.advanceflooring.co.nz](http://www.advanceflooring.co.nz)

Call **0508 238 262**

**Advance**  
FLOORING SYSTEMS

# Product Review

## Fortis

### R9 Homogenous Vinyl



04/24

pg 5/5

#### Maintenance requirements

- Maintenance to be in accordance with Advance Flooring guide for Fortis homogenous sheet vinyl.
- Regular maintenance – sweep and/or vacuum then mop and dry.

Advance Flooring Systems Ltd  
sales@advanceflooring.co.nz  
www.advanceflooring.co.nz  
Call **0508 238 262**

  
**Advance**  
FLOORING SYSTEMS