

# Product Review

Conducto S

Conductive Homogenous Vinyl

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## Conducto S

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#### Product class

Class 1 - Batch or mass-produced products

#### Product name

Conducto S - Conductive Homogenous Vinyl

#### Product description and its intended use

Conducto S is a high-performance homogenous sheet vinyl with electrostatic conductive properties 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. Conducto S 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

Conducto S - Coast.

(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. |
| 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 clause G3.3.2 a) and G3.3.2 b)   |

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

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

- Conducto S 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)**

- Conducto S 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 147579.4 dated 31 October 2018.

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

- Conducto S 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**

- Conducto S 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)**

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

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#### 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

- Conducto S homogenous sheet vinyl is suitable for use in areas requiring a flooring with electro-static conductive properties such as operating theatre's, x-ray departments, laboratories, computer rooms, electronic manufacturing facilities and telecommunication facilities.

#### Installation requirements

- Install in accordance with Advance Flooring Installation guide for Conducto S 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

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#### Maintenance requirements

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

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