

Sureshield is an industrial grade floor topping system specifically designed for the food industry.

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Allnex confirms that this minimum level of assurance has been met or exceeded by the following:

HACCP International

[Food Safety Program - I-PE-741-ALL-R1-03](#)

## Technical Statement

### Scope of use

RECOMMENDED USES:

- Food process floors where a high degree of hygiene is required.
- Ablution blocks: Kitchens | Laundries | Toilets
- Bakeries
- Beverage Processing: Bottling Plants | Breweries | Fruit Juice | Wine etc.
- Cool Stores: - Freezers | Chillers etc.
- Commercial Kitchens: Main Kitchen | Freezers | Chillers | Cool Stores etc.
- Dairy Factory Floors. Main Process Halls/Rooms etc.
- Honey Processing Facilities
- Meat Processing: Abattoirs | Butchery floors | Poultry | Freezers | Chillers | Cool Stores etc.
- Seafood Processing: Wet Fish | Shellfish | Freezers | Chillers | Cool Stores etc.
- Sports facilities: Changing Rooms | Showers | Toilets for hard-wearability.
- Supermarkets: Bakeries | Deli | Fish | Meat | Freezers | Chillers | Cool Stores etc.
- Floors where a high degree of chemical, mechanical and slip resistance is of prime importance.
- Suitable for use in dry or wet situations including ramps.
- To provide excellent underfoot slip resistance in commercial applications.
- Floors, walls, upstands, plinths etc. where a high degree of chemical, mechanical and slip resistance is of prime importance
- Interior/exterior use.
- Concrete repair and protection – resurfacing damaged or broken concrete with a more physical and chemical resistant surface.
- Floors above work spaces: Sureshield forms a watertight barrier and is compliant with E3 Internal water 3.1.1e. Use full fibreglass laminated floor and Joint safe tape in these situations.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(b)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(b)
- **Clause E1 Surface water:** Performance E1.3.3(a)
- **Clause E3 Internal moisture:** Performance E3.3.2, E3.3.3, E3.3.4, E3.3.5, E3.3.6

### Notes

allnex Construction Products state that Decorative Sureshield is compliant with E3 (internal water) and D1 (Access routes / slip resistance wet & dry). Complies with CLEANROOM and controlled environment AS/NZS ISO 14644.4: 2002 section E.2.1.4 Floors. That the floor shall be nonporous, slip resistant, abrasion resistant and resistant to chemicals. They shall support static and dynamic loads. Complies with fire ratings.

### Supporting Evidence



**masterspec partner**

### Company Contact Details



Company: Allnex Construction Products  
 Physical Address: 14 Industry Road, Penrose, Auckland  
 Postal Address: PO Box 12841, Penrose, Auckland  
 Telephone: 64 09 5836544  
 Fax: 64 09 5253709  
 Email: [cs.constructionnz@allnex.com](mailto:cs.constructionnz@allnex.com)  
 Website: [www.allnexconstruction.com](http://www.allnexconstruction.com)

The product has and can make available the following additional evidence to support the above statements:



HACCP International

[Food Safety Program - I-PE-741-ALL-R1-03](#)

## Use in Service History

Used in Australia and New Zealand for over 40+ years.

## Product Criteria

### Design requirements

Refer to technical data information and contact Allnex for more information.

### Installation requirements

To be installed by Allnex approved applicators experienced with the system.

Refer to technical data information and contact Allnex for more information.

### Maintenance requirements

Resurfacing: allnex recommend two options:

- Re-aggregating with Traxite VE which is a high durability and chemically resistant finish. It offers very good adhesion to the prepared older surface.
- A second option is Nuthane topcoat which offers a monolithic and non-slip coloured finish with no odours.

Repairs: Can be undertaken with further new Decorative Sureshield applied directly or use Decorative Sureshield ZV (low odour) repair system.

Cleaning: A Decorative Sureshield floor is cleaned with stiff bristled brushes and detergents. The stiff bristle brushes and commercial detergents will remove dirt from the non-slip surface that a soft mop will not. The waxed nature of our top-coating system may attract dirt during the early life of the product. Pay careful attention to cleaning at this stage. (Refer to the Resin Flooring Cleaning document on our website).

### Warrantees

Refer to Allnex

## Company Product Information

### Environmental

Environmental rating: Sureshield is supplied in two forms: Sureshield Standard and Sureshield ZV. Both emit, on curing, less than one gram / lt of emitted materials. These therefore are both considered to comply with Green Star or LEEDS systems for a star for applied coatings for low emission of solvents. The standard version has an odour during application (but still emits far less than 1gram/litre). The Sureshield ZV (zero VOC or zero volatile organic compounds) has no odour during installation. This latter system would have enhanced ratings for lower workplace impact. These resins are made in Australia. The resin is mixed on site with NZ sourced aggregates.

### Relationships



New Zealand Made



Fraunhofer IPA Clean Room NU1310-671



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