

# Hurford's Supacore Product Disclosure

**Product name:** Supacore

**Product line:** Hybrid Flooring

**Product identifier:** SUPCOR

**Product description:** Supacore is a hybrid floor constructed with a limestone composite core board, an acoustic backing and 0.55mm wear layer with UV coating on each plank. Each plank is 6.5mm thick.

## CLASS

Supacore is produced in batches to a specification; therefore is classified as Class 1 for the purpose of compliance with the NZ Building Code and relevant clauses.

## 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)

## CONTRIBUTIONS TO COMPLIANCE

B2.3.1(a) (ii) and (iii) and B2.3.2: Supacore has structural integrity of at least 25 years when used indoor in residential applications and 10 years light commercial applications where installation procedures are followed. Refer to the Supacore Warranty and Installation Guide for further information.

E3 Internal moisture. Supacore is a composite waterproof floor. It can be wet mopped. It is recommended where Timber Flooring in all wet areas/areas with sanitary fixtures. (kitchen, bathrooms, laundry, w/c) to protecting Joins within 1.5m of sanitary fixtures and sanitary appliances: As outlined in Amendment 7, to create an impervious surface near these sanitary items and help prevent water splash from penetrating behind linings or into concealed spaces we recommend the following steps to areas within 1.5m of sanitary fixtures further to our standard glue down flooring installation instructions: Waterproof flexible sealant around the perimeter where the floor meets the cabinetry or skirting (if within 1.5m). These can be colour matched to cabinetry. Waterproof D3 PVA adhesive applied into to the groove of the tongue & groove profile of wood flooring to seal the joint of the flooring when within 1.5m. Care needs to be taken that the correct amount is applied to achieve a water seal but shouldn't be visible on the surface of the floor.

F2.3.1: Supacore 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.

G3 Food preparation and prevention of contamination:

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

## SCOPE OF USE

Supacore is suitable as an interior floor covering. Sub floors must be level, smooth, dry and free of any surface irregularities including dust, dirt, oil, grease, paint or other materials or roughness. Concrete floors must be cured, completely dry, with a surface free of irregularities. When a straight edge 2 metres long is placed at rest at 2 points 2 metres apart, no part of the surface shall be more than 3mm below the length of the straight edge.

All irregularities in sub floor must be levelled. Existing timber, plywood and particleboard sub floors, must be checked for any loose boards/panels or excessive deflection or movement. If loose boards are found or movement is excessive, the sub floor should be re-affixed and damaged boards replaced, then if required, sanded to a level, smooth and dust free surface. The floor can be installed over most existing floorcovering (e.g. ceramic tiles, linoleum, PVC etc.) provided the floor is flat, dry and in the case of ceramics in a residential installation, grout line tolerances are no more than 3mm wide and 3mm deep and tile surfaces are level adjacent to each

other. Otherwise grout joints should be filled to the level of the tiles with a suitable leveller. Carpet, carpet underlay and/or existing floating floors is not a suitable sub floor.

SUPACORE hybrid floors should never be installed over any electrical radiant heating system - the speed of sudden temperature changes having the potential to negatively affect the floor. SUPACORE hybrid floor may, subject to following the instructions in the Hydronic Radiant Underfloor Heating note as per install guide, be installed over a hydronic underfloor radiant heating system.

It is suitable for use in wet areas such as bathrooms and laundries. Although SUPACORE hybrid floors are waterproof, it should not be used as a moisture barrier, and should not be installed in areas that have a continual risk of excessive moisture/flooding such as saunas or outdoor areas. If being installed in a wet area (e.g. bathroom, laundry etc.) please refer to the installation guide.

A standard perimeter expansion gap of not less than 10mm must be maintained against all fixed vertical surfaces (e.g. walls, cabinets, sliding doors, island benches, plumbing fixtures etc.). SUPACORE hybrid floors are extremely stable and can be installed in individual rooms up to 15m long and 10m wide. In large, complex or multi room installations, internal expansion joints at doorways are recommended. A trim or scotia can be used to cover the expansion gap, ensuring the floor is not pinned to the substrate or vertical surfaces. Silicone or caulking compound is not recommended.

### CONDITIONS OF USE

Supacore is not suitable for exterior use. Abrasion/Wear Resistance Warranty: Hurford Flooring warrants that under normal household conditions the wear layer will not wear through to the design layer surface of your Hurford Flooring hybrid floor for the relevant period. Abrasive wear means actual wearing through of the floor surface to show a visual change in the floor's appearance and does not include other changes in appearance: e.g. scratches, chips, indentations, small gaps due to seasonal movements, gloss variation between planks, reductions in gloss level etc.

Stain and Spill Resistance Warranty Hurford Flooring warrants that your Hurford Flooring hybrid floor is resistant to normal household stains on the floor surface and to damage from normal household spills for the relevant period. This ensures your floor will be able to resist most potentially permanent stains.

Fade Resistance Warranty Hurford Flooring warrants that your Hurford's hybrid floor will not have a significantly noticeable colour change due to fading resulting from exposure to indirect sunlight or normal artificial light (with exception of natural ageing) for the relevant period.

Structural Warranty Hurford Flooring warrants that your Hurford Flooring hybrid floor in its original manufactured condition will not delaminate for the relevant period. This does not include any separation of any pre-adhered underlay from the floor.

Waterproof Warranty Hurford Flooring warrants that the surface of your Hurford Flooring hybrid floor is 100% waterproof and resistant to damage from mopping or normal household spills for the relevant period. The floor will not, upon reasonable exposure to water, swell, buckle or undergo any significant diminution of its structural integrity. This warranty does not cover flooding, leaking pipes, household mechanical failures, appliance leaks or similar or damage resulting from mould or mildew growth.

Supacore must be must be cleaned and maintained in accordance with the Supacore maintenance guide and must be installed in accordance with the Supacore Installation Guide.

### SUPPORTING DOCUMENTATION

<b>SupaCore Installation Guide</b>	July 2023	<a href="https://hurfordwholesale.co.nz/wp-content/uploads/2021/07/HF-NZ-SupaCore-Installation-Guide.pdf">https://hurfordwholesale.co.nz/wp-content/uploads/2021/07/HF-NZ-SupaCore-Installation-Guide.pdf</a>
<b>SupaCore Warranty</b>	July 2023	<a href="https://hurfordwholesale.co.nz/wp-content/uploads/2021/07/HF-NZ-SupaCore-Warranty.pdf">https://hurfordwholesale.co.nz/wp-content/uploads/2021/07/HF-NZ-SupaCore-Warranty.pdf</a>

### WARNINGS & BANS

Supacore is not subject to a warning or any bans under section 26 of the Building Act 2004.

## APPENDIX

### 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

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