

Product Information Declaration

Interface®

CQuest™Bio Carpet Tiles

Document Version	V1 - December 2023
Product Class	Class 1
Category	Flooring
Product Type	Carpet Tile
Manufacturer	Interface Inc.
Product	Interface CQuest™Bio Carpet Tiles
Rnages	Various options available, see www.interface.com for options
Identifier	CQuest™Bio Backing
Format/s	Tile 50cmx50m, Plank 1mx25cm
Materials	Solution-dyed nylon yarn, tufted into a primary backing, reinforced with a dimensional stable centre layer, and finished with a bio-based secondary backing.
Area of use	Residential and Commercial Interior floors, in dry areas. Rated for General Purpose through to Extra Heavy Duty use, including stairs.

Conditions of use

Interface CQuest™Bio backed carpet tiles must be installed by a qualified trades person in accordance with FloorNZ's Best Practice Guidelines and in accordance with the Interface Carpet Tile Installation Guide.

Interface CQuest™Bio Carpet Tiles are to be installed using either CQuest™Bio TacTiles™, a glueless pressure sensitive connector system or InterTac Plus™ pressure sensitive adhesive. If installing Interface CQuest™Bio Carpet Tiles on stairs, it is recommended to use InterTac Plus pressure sensitive adhesive. Stairs must have a stair nosing fitted with appropriate safety strip. Underlays are not required with Interface CQuest™Bio Carpet Tiles, an alternative product is available if an underlay is required, this is Interface CushionBacRE Carpet Tiles.

Cleaning and Maintenance must be carried out as per the Interface Carpet Tile Cleaning and Maintenance Guide.

Interface recommends using floor protection post installation to prevent damage from following trades. Eg: Cardboard or timber sheet. Do not use self-adhesive peel up plastic based protection systems.

Interface entrance mat tiles are intended to be used at every entrance and exit point of a building, a distance of 3 meters is recommended. This protects Interface CQuest™Bio carpet tiles against excessive soiling from outside contaminants. For the visual aesthetic benefit of the building occupants. Where high levels of foot traffic are expected, dark colours with random patterns are recommended.

New Zealand Building Code Compliance

Section of Code	Product Compliance															
<p>B2 Durability</p> <p>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: 1. the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and 2. failure of those building elements to comply with the building code would be easily detected during normal use of the building.</p>	<p>Interface CQuest™Bio backed carpet tiles have a Standard Product Warranty of 15 years.</p> <p>They are produced in accordance with ISO 9001:2015 Quality Management Systems and ISO 14001:2015 Environmental Management Systems, requirements.</p> <p>Refer to: Interface 15-year Standard Product Warranty, CQuest™Bio Technical Specification, Interface Carpet Tile Installation Guide, Interface Carpet Tile Care & Maintenance documentation for further information.</p>															
<p>C3 Surface Linings</p> <p>C3.4 (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below: Area of building minimum critical radiant flux when tested to ISO 9239-1: 2010.</p> <table border="1" data-bbox="81 1048 780 1872"> <thead> <tr> <th data-bbox="81 1048 325 1240">Area</th> <th data-bbox="330 1048 558 1240">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="563 1048 780 1240">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="81 1247 325 1435">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="330 1247 558 1435">4.5 kW/m²</td> <td data-bbox="563 1247 780 1435">2.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1442 325 1541">Exitways in all other buildings</td> <td data-bbox="330 1442 558 1541">2.2 kW/m²</td> <td data-bbox="563 1442 780 1541">2.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1547 325 1704">Firecells accommodating more than 50 persons</td> <td data-bbox="330 1547 558 1704">2.2 kW/m²</td> <td data-bbox="563 1547 780 1704">1.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1711 325 1872">All other occupied spaces except household units</td> <td data-bbox="330 1711 558 1872">1.2 kW/m²</td> <td data-bbox="563 1711 780 1872">1.2 kW/m²</td> </tr> </tbody> </table>	Area	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 ²	2.2 kW/m ²	Exitways in all other buildings	2.2 kW/m ²	2.2 kW/m ²	Firecells accommodating more than 50 persons	2.2 kW/m ²	1.2 kW/m ²	All other occupied spaces except household units	1.2 kW/m ²	1.2 kW/m ²	<p>All Interface CQuest™Bio backed carpet tile ranges maintain valid test reports showing Critical Radiant Flux (CRF) values over 2.2kW/m², meeting all levels of C3 requirements with exception for detained non-sprinklered areas.</p> <p>The CRF value of 4.5kW/m² is met by most of the ranges but not all, special attention to specifying the correct range in this area should be noted and the supporting ISO 9239-1: 2010 test report provided.</p>
Area	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 ²	2.2 kW/m ²														
Exitways in all other buildings	2.2 kW/m ²	2.2 kW/m ²														
Firecells accommodating more than 50 persons	2.2 kW/m ²	1.2 kW/m ²														
All other occupied spaces except household units	1.2 kW/m ²	1.2 kW/m ²														
<p>D1 Access Routes</p> <p>D1.3.3 Access routes shall: (d) have adequate slip-resistant walking surfaces under all conditions of normal use.</p>	<p>Carpet is considered an acceptable dry slip solution and is compliant for access routes as per the D1/AS1 Table 2 areas of use guidance. Therefore, SRV reports are not required to meet code.</p>															

Section of Code	Product Compliance
<p>E3 Internal Moisture</p> <p>E3.3.3 Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned.</p> <p>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.</p> <p>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.</p>	<p>CQuest™Bio backed carpet tiles are Impervious and water resistant.</p>
<p>F2 Hazardous Building Materials</p> <p>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.</p>	<p>No components within Interface CQuest™Bio backed Carpet Tiles are considered Hazardous. Refer to the Interface CQuest™Bio Material Safety Data Sheet and VOC Report documents for further information.</p>
<p>G3&6 Food preparation and prevention of contamination</p> <p>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 .</p> <p>G6.3.1 The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55.</p> <p>G6.3.2 The Impact Insulation Class of floors shall be no less than 55.</p>	<p>G3.3.2 Interface CQuest™Bio backed Carpet Tiles Inhibit bacterial growth and are Phthalate free.</p> <p>G6.3.1 & 6.3.2 Carpet Tiles without cushion/ underlay do not automatically achieve a pass under the NZBC. A field test with the subfloor and ceiling assembly must be performed to ensure the FIIC value of 55 is reached for each project application. If improved acoustic values are required, an alternative backing is available which meets the “Acceptable solution” of carpet tile on underlay is available, Interface CushionBacRE Carpet Tiles.</p>
<p>Warnings & Bans</p>	<p>This product is not subject to any warnings or bans under section 26 of the Building Act 2004</p>

Supporting Documentation

For all specification, installation, care & maintenance, warranty, tests reports and other supporting documentation, refer to www.inzide.co.nz

Contact Details

Product Manufacturer

Interface Inc.

www.interface.com

Manufacturing sites:

Craigavon - Northern Ireland

Scherpenzeel - Netherlands

LaGrange, Georgia - United States

Minto, New South Wales - Australia

Taicang - China

New Zealand Supplier

Inzide Commercial Ltd.

Level 2, 34 Barry's Point Road

Takapuna, 0632

0800 800 656

www.inzide.co.nz

sales@inzide.co.nz

NZBN: 714832

Responsible Person

In accordance with regulation 8, as the responsible person, 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.



Signed for and on the behalf of Inzide Commercial Ltd and Interface Inc.

Steve Aschebrock
Managing Director,
Inzide Commercial Ltd.

10/12/2023