

Building Product Information Sheet

Biform Premium SPC Flooring: Class 1

Product Name:

Biform Premium SPC Flooring

Product Description and its Intended Use:

BiForm SPremium PC Rigid Flooring is a non-structural tongue and groove laminate flooring system for use internally over concrete and subfloors with timber, plywood, particleboard or compressed fibre cement. It is suitable for use in wet areas.

SPC Rigid Flooring is 6 mm thick and available in 12 colours and wood grains.

Each plank measures 180 mm x 1220 mm.

Place of Manufacture:

China

Legal and Trading Name of the Importer:

Biform Ltd.

NZBN:

9429041627372

Address for Service:

Unit 2, 116a Harris Road, East Tamaki
Auckland 2013, New Zealand.

Website:

www.biform.co.nz

Email Address:

info@biform.co.nz

Phone Number:

0800449274

Relevant Building Code Clauses

- B1 STRUCTURE - Performance clauses B1.3.1, B1.3.2, B1.3.3 - (b,c,j).
- Clause B2 DURABILITY - Performance B2.3.1(b).
- Clause C3 - FIRE AFFECTING AREAS BEYOND THE SOURCE - Clause C3.4 (b).
- Clause D1 ACCESS ROUTES.
- Clause E3 INTERNAL MOISTURE - Clauses E3.3.3, E3.3.5, E3.3.6.
- Clause F2 - HAZARDOUS BUILDING MATERIALS - Clause F2.3.1.

Statement on How the Building Product is Expected to Contribute to Compliance:

B1 Structure : B1.3.1, B1.3.2, B1.3.3 (b, c, j) ALTERNATIVE SOLUTION

- › Castor chair test to EN 425:2002 [Intertek, 09/01/2019].
- › Dimensional stability tested in accordance with EN 434:1994 [Intertek, 09/01/2019].

B2 Durability

B2.3.1 (b) VERIFICATION METHOD

B2/VM1

- › Castor chair test to EN 425:2002 [Intertek, 09/01/2019].
- › Dimensional stability tested in accordance with EN 434:1994 [Intertek, 09/01/2019].
- › Peel resistance to EN 431:1994 [Intertek, 09/01/2019].
- › Scratch resistance to EN 16094:2012, Procedure A & B [Intertek, 09/01/2019].
- › Resistance to chemicals EN 423:2001 [Intertek, 09/01/2019].
- › Colour fastness to ISO 105-B02:2014 [Intertek, 09/01/2019].

C3.4 Fire affecting areas beyond the fire source

C3.4 (b) : ACCEPTABLE SOLUTION

C/AS2

- › Group number 1-S established through testing to EN 13501-1:2007+A1:2009 [Ghent University, 17/04/2018].

D1 Access routes

D1.3.3 (d) re slip resistance

ACCEPTABLE SOLUTION

D1/AS1

- › Coefficient of friction of 0.37 to EN 13893:2002 using wet pendulum method equivalent to AS/NZS 4566 and AS/NZS 3661 as cited in D1/AS1 that requires coefficient of friction less than 0.4 [Intertek, 09/01/2019].

Statement on How the Building Product is Expected to Contribute to Compliance (continued):

E3 Internal Moisture

E3.3.3, E3.3.5, E3.3.6

ALTERNATIVE SOLUTION › PVC is integrally impervious.

› Tongue and groove join is impervious to pooling.

› Moisture resistance tested in accordance with ISO 4760: 2020 [NZWTA, 26/02/2024].

F2 Hazardous Building

Materials

F2.3.1

ALTERNATIVE SOLUTION › No detection of phthalates to EN 14372:2004 [Intertek, 09/01/2019].

› No detection of substances including lead, mercury, cadmium, chromium, PBBs, PBDEs and phthalates [Intertek, 09/01/2019].

G6 Airborne and Impact Sound

ALTERNATIVE SOLUTION › Contributes to sound insulation when part of an acoustic floor system.

Tested for improvement in impact noise to ISO 10140-3:2010/A1:2015, achieves $\Delta L_w = 21$ dB [Intertek, 09/01/2019]

Product Technical Statement PASS Certificate, Safety Data Sheet, and Installation Instructions are all available on the Website www.biform.co.nz

Limitations On the Use of the Building Product:

- Biform SPC Rigid Flooring is to be installed by following the relative Installation Instructions which can be found on the website.
- Never install over any electrical radiant heating system .
- For use in wet areas seal the perimeter of the floor using a bathroom grade silicone

Design Requirements that would Support the Appropriate Use of the Building Product:

Subfloors must be level, smooth, dry and free of any surface irregularities including dust, dirt, oil, grease, paint or other materials or roughness.

Installation Requirements:

Joist Subfloors must be level, smooth, dry and free of any surface irregularities including dust, dirt, oil, grease, paint or other materials or roughness.

Please see relevant Installation instructions on the website www.biform.co.nz

Maintenance Requirements

Clean floor regularly with soft broom or brush head vacuum.

To wash use a non-rinsing cleaner. Do not use abrasive cleaner , oil cleaner or dish detergent.

Is the Building Products/ Building Product Line Subject to a Warning or Ban under Section 26 of the Building Act 2004:

No

If yes, description of the warning or ban undersection 26:

N/A

Date:

24 / 05 / 2024

Version:

1



For further technical information
please contact us at:

- www.biform.co.nz
- 0800 449 274
- info@biform.co.nz