

Product Information Declaration

Elemental XL Range

Range Description

This Jacobsen Product Information Declaration (PID) applies to the luxury vinyl tiles (lvt) range sold by Jacobsen as Elemental XL

Identifiers

See individual sku codes under [identifiers](#)

Scope and Limitations of Intended Use

<input checked="" type="checkbox"/> Residential	<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Interior	<input checked="" type="checkbox"/> Exterior
<input checked="" type="checkbox"/> High Traffic	<input checked="" type="checkbox"/> Low Traffic	<input checked="" type="checkbox"/> Exposed Sunlight	<input checked="" type="checkbox"/> Wet Areas
<input checked="" type="checkbox"/> Antistatic Environment	<input checked="" type="checkbox"/> Food Prep Areas	<input checked="" type="checkbox"/> Clean Room	<input checked="" type="checkbox"/> With Wheels
<input checked="" type="checkbox"/> Ramp/Entry	<input checked="" type="checkbox"/> Under Floor Heating	<input checked="" type="checkbox"/> Over Existing Floor	

B Stability

Relevant NZBC Clause	Product Performance
B2.3.1(c)	15 years Commercial, 20 years Residential
Residential	23 Heavy
Commercial	33 Heavy
Industrial	42 General

C Protection from Fire

Relevant NZBC Clause	Product Performance
C4.3	
C4.3 (a) Wall	-
C4.3 (b) Floor	CHF 9. kW/m2 (ISO 9239.1:2010)

D Access

Relevant NZBC Clause	Product Performance
D1.3.3	
Level Surface (Wet)	SRV 42 (AS 4586:2013)
Level Surface (Dry)	Acceptable Solution
Suitable for food prep	-

E Moisture

Relevant NZBC Clause	Product Performance
E3.3.3	Impervious and easily cleaned
E3.3.5	Impervious and easily cleaned
E3.3.6	Water resistant
NZBC/AS1	-

F Safety of Users

Relevant NZBC Clause	Product Performance
F2.3.1	≤ 0.5 mg/m3
	Does not encourage bacterial growth
	Phthalate-free
Indoor Air Quality	Good

G Services and Facilities

Relevant NZBC Clause	Product Performance
G3.3.2 (b)	Water resistant
G6.3.2	ΔLW 17dB - 2.5mm with 3mm Regupol Sonus Multi

H Energy Efficiency

Relevant NZBC Clause	Product Performance
Thermal Rating	0.01745m2K/W at 10°C

X Warnings and Bans

Building Act 2004	Product Performance
Section 26	-

Supporting Documents

All supporting documents can be found on the Jacobsen website, jacobsen.co.nz or by this QR code



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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.

C3.4

Surface Linings

(b)

floor surface materials in the following areas of buildings must meet the performance criteria specified below:

D1.3.3

Access routes shall:

(d)

have adequate slip-resistant walking surfaces under all conditions of normal use.

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.

F2.3.1

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.

G3.3.2

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

G6.3.1

The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55.

G6.3.2

The Impact Insulation Class of floors shall be no less than 55.

H1

This clause requires enclosed spaces where temperature or humidity are modified to provide adequate thermal resistance and to limit uncontrollable airflow in certain buildings.

Note

It is expected that Elemental XL is installed, cleaned and maintained according to instructions and best practice guides housed on the product page.

All products may be subject to fading if exposed to excessive, unfiltered UV light.

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This JPID covers all colours from Elemental XL including:

Onega 5.0mm 23030	Bolsena Chevron 2.5mm 22722
Albano 5.0mm 23029	Onega 2.5mm 22721
Constance 5.0mm 23028	Albano 2.5mm 22720
Como 5.0mm 23027	Constance 2.5mm 22697
Prespa 5.0mm 23026	Como 2.5mm 22696
Bolsena 5.0mm 23025	Prespa 2.5mm 22331
Lugano 5.0mm 23024	Bolsena 2.5mm 22330
Brienz 5.0mm 23023	Lugano 2.5mm 22329
Maggiore 5.0mm 23022	Brienz 2.5mm 22328
Lomond 5.0mm 23021	Maggiore 2.5mm 22327
Bolsena Herringbone 2.5mm 22723	Lomond 2.5mm 22326

Sustainability

Rating System	Rating	Product Performance
Green Star Design & As Built NZ (V1)	Credit 12	-
	Credit 20	1 Point
	Credit 21	Sustainability Factor (SF) = 0.75
Green Star Interiors NZ (V1)	Credit 13	-
	Credit 20	1 Point
	Credit 21	Sustainability Factor (SF) = 0.75
Green Star Performance NZ (V1)	Credit 21	1 Point
Homestar V5	HC 7	1 Point
	EN 3	1.25 Points
Homestar V4	Mat-1	1.5 Points
	Mat-2	1 Point
Environmental Product Declaration (EPD)		Yes
Embodied Carbon Emission Data		8.342 kgCO ₂ eq / m ² (Cradle to Gate)

Environmental Credentials



Jacobsen®

Jacobsen 41D Morrin Road,
St Johns, 1072
0800 800 460
jacobsen.co.nz
sales@jacobsen.co.nz

NZBN:
9429040403328

Product Manufacturer: Aspecta
Country of Origin: China