



## Purline Specifications

### PROJECT FLOORS (NZ) LTD SPECIFICATIONS

Wear class according to EN 14565	EN 685/EN IOS 10874	24, 34, 43
Total thickness	EN 428/EN ISO 24346	2.5mm
Weight EN 430/EN ISO 23997	Roll: 3.6kg/m <sup>2</sup>	20Lm roll: 144kg
Residual indentation EN 433/EN ISO 24343-1	Roll: 0.05mm	
Dimensional Stability EN 434/ISO 23999	Roll: ≤ 0.05%	
Bending Behaviour	EN435/ISO 24344	<20mm
Wear Behaviour	EN 660-2	Group T
Anti-slip friction coefficient		0.43
Slip resistance EN 13893		DS (> 0.3)
Reaction to fire	EN 13501-1	Cfl-s1 highly flame resistant
Light fastness	EN ISO 105-B02	≥7
Underfloor Heating	Suitable for all standard hot water underfloor systems	
Thermal resistance	ISO 8302	0.01 m <sup>2</sup> K/W
Resistance to castor chairs	EN 425/ISO 4918	Typ W
Impact Sound Improvement	EN ISO 10140	4 dB
Chemical resistance	EN423/ISO 26987	Very good resistance depending on concentration and exposure time
Warranty	10 years	
Furniture leg test	EN 424	No visible damage
Antistatic properties	EN 1815	≤ 2 kV

**Please refer to separate cleaning, maintenance and installation instructions**

20m long 2m wide roll (40m<sup>2</sup>/roll)





## Purline Fire Report

### PROJECT FLOORS (NZ) LTD

#### PURLINE 100% ORGANIC RESILIENT FLOOR COVERING FOR COMMERCIAL APPLICATION

Flooring includes flexible finishes such as carpets, vinyl sheet or tiles, and finished or unfinished floor surfaces.

Fire properties of floor surfaces are evaluated using ISO 9239 - 1:2010 (floor radiant panel test).

Minimum requirements in all buildings, excludes household units, are a critical radiant flux (CRF) of not less than 1.2 kW/m<sup>2</sup>.

A CRF of not less than 2.2 kW/m<sup>2</sup> is required in the following locations:

- Unsprinklered firecells with an occupant load more than 50 people.
- Sleeping areas in sprinklered buildings where care or detention is provided.
- All exitways (except as follows).

A CRF of not less than 4.5 kW/m<sup>2</sup> is required in the following location:

- Sleeping areas and exitways in unsprinklered buildings where care or detention is provided .

Project Floors' Purline 100% Organic Resilient flooring has been tested to ISO 9239 .1:2010 and achieved a mean of 7.7kw/m<sup>2</sup>.

#### C3 – FIRE AFFECTING AREAS BEYOND FIRE SOURCE (continued)

PROVISIONS (b) floor surfaces materials in the following areas of buildings must meet the performance criteria specified below:

#### REACTION-TO-FIRE PERFORMANCE COMPLIANCE

AREA OF BUILDING	MINIMUM CRITICAL RADIANT 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	Purline complies?
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>	✓
Exitways in all other buildings	1.2 kW/m <sup>2</sup>	1.2 kW/m <sup>2</sup>	✓

#### CLASS OF REACTION-TO-FIRE PERFORMANCE

Project Floors LVT Range of Commercial Luxury Vinyl tiles complies to the following classes:

CFL S1, DFL S1

As the Radiant Flux mean is 7.7kw/m<sup>2</sup> and the Smoke value mean is 96%<sup>m2</sup>