

Easy Lay Vinyl Fire Report

PROJECT FLOORS (NZ) LTD

FIRE REGULATIONS FLOORING AND FLOOR COVERINGS

Project Floors - Easy Lay Range of Luxury Vinyl Tiles complies for use in all areas.

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/m².

A CRF of not less than 2.2 kW/m² 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/m² is required in the following location:

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

Project Floors' - Easy Lay Range of Luxury Vinyl Tile flooring has been tested to ISO 9239 . 1:2010 and achieved a mean of 9.8kW/m².

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	EcoTX complies?
Sleeping areas and exitways in buildings where care or detention is provided	4.5 kW/m ²	2.2 kW/m ²	✓ 9.8 kW/m ²
Exitways in all other buildings	2.2 kW/m ²	2.2 kW/m ²	✓ 9.8 kW/m ²
Firecells accommodating more than 50 persons	2.2 kW/m ²	1.2 kW/m ²	✓ 9.8 kW/m ²
Exitways in all other buildings	1.2 kW/m ²	1.2 kW/m ²	✓ 9.8 kW/m ²

CLASSES OF REACTION-TO-FIRE PERFORMANCE

Project Floors - Easy Lay Range of Luxury Vinyl Tiles complies to the following class:

A2FL S 1

As the Radiant Flux mean is 9.8 kW/m² and the Smoke value mean is 193%^{m2}

AWTA PRODUCT TESTING

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TEST REPORT

CLIENT : QEP AUSTRALIA PTY LTD
2 DUNLOPILLO DRIVE
DANDENONG VIC 3175

TEST NUMBER : 7-596226-CV
ISSUE DATE : 03/03/2014
PRINT DATE : 03/03/2014
ORDER NUMBER : SUE

SAMPLE DESCRIPTION Clients Ref: "Q Flooring Loose Lay"
Vinyl flooring planks
Colour: Wheat
Approximate total thickness: 5mm

Material Specification:

Nominal Composition: Vinyl, Polyurethane Coating
Nominal Total Mass: 8.7kg/m²

ASISO 9239.1-2003

Reaction to Fire Tests for Floorings
Determination of the Burning Behaviour
using a Radiant Heat Source

Date of sample arrival: 25.02.2014

Date tested: 28.02.2014

Results:

	CHF Value			Mean	
	1	2	3		
Length	9.6	10.1	9.6	9.8	kW/m ²
Width	10.1	-	-	-	kW/m ²

	Smoke Value				
Length	232	201	147	193	% min
Width	224	-	-	-	% min

Note: Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing

Observations: Blistering

Each specimen was clamped to a substrate of 6mm fibre reinforced cement board prior to testing

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use

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1

(END OF REPORT)

PAGE 1

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