


17th December 2015

All HeartrIDGE flooring product have been tested for their Fire resistance qualities by *APL Australia Pty. Ltd.* according to *AS/ISO 9239.1 2003 Reaction To Fire Tests For Floorings Part 1 Determination of the Burning Behaviour Using a Radiant Heat Source.*

Certificates for these tests are available upon request from your Dunlop Flooring sales representative.

Below is a summary of the results that our various product ranges achieved.

	CRITICAL RADIANT FLUX (CRF)	SMOKE DEVELOPMENT RATE
OAK TRENDS	4.4 kW/M ²	20 %.MIN
RUSTIC OAK	4.4 kW/M ²	20 %.MIN
WOODLAND OAK	4.4 kW/M ²	20 %.MIN
VINTAGE OAK	4.4 kW/M ²	20 %.MIN
SMOKED OAK LAMINATE	4.4 kW/M ²	25 %.MIN
SMOKED OAK CLICK VINYL	8.7 kW/M ²	168 %.MIN
SMOKED OAK LOOSE-LAY VINYL (FLOATED)	9.0 kW/M ²	92 %.MIN
SMOKED OAK LOOSE-LAY VINYL (ADHERED)	9.1 kW/M ²	144 %.MIN

Document continues overleaf.

The *Building Code of Australia* (BCA) maintains prescriptive fire resistance requirements for various building types. These are published in *Fire Hazard Properties, Specification C1.10a*.

In order for a flooring system to be compliant with this specification, the *Smoke Development Rate* must not exceed 750 %.min and the *CRF Rating* must meet a minimum value, as specified in the below table:

CLASS OF BUILDING	GENERAL		Fire Isolated Exits
	Building NOT fitted with a sprinkler system complying with Specification E1.5	Building fitted with a sprinkler system complying with Specification E1.5	
Class 2,3,5,6,7,8 or 9b Excluding accommodation for the aged	2.2	1.2	2.2
Class 3 Accommodation for the aged	4.5	2.2	4.5
Class 9a Patient care areas Areas other than patient care areas	4.5 2.2	2.2 1.2	4.5 4.5
Class 9c Resident use areas Areas other than resident use areas	- -	2.2 1.2	4.5 4.5

Regards,

The Dunlop Flooring Team