

Appendix B (normative): Critical Radiant Flux values for some flooring materials

B1.0 For the purposes of compliance with Clause C3.4(b) of the Building Code the following critical radiant flux values may be assigned as shown in Table B1 for the given flooring material without further evidence of testing to ISO 9239-1:2010.

Table B1 Specified performances for some flooring materials	
Flooring material	Critical Radiant Flux (CRF)
Concrete ² , brick, ceramic or porcelain tile	4.5 kW/M ²
Wood Products, Plywood or Solid Timber ^{1,2} ≥ 12 mm thick; and ≥ 400 kg/m ³	2.2 kW/M ²
Note	
1. Some timber species and thicknesses and with/without applied coatings when tested may achieve a higher CRF. When a greater CRF is required to meet Clause C3.4 (b) than given in this table, supporting test data to ISO 9239-1:2010 for the product is required.	
2. May include waterborne or solvent borne applied surface coatings not more than 0.4 mm thick and not more than 100 g/m ² .	