

BCA 2011 ~ Table J1.6 Floors (Minimum Total R-Value)

Location		Climate zone								
		1	2	3	4	5	6	7	8	
(a)	A slab on ground:									
	(i)	Without an in-slab heating or cooling system	Nil	Nil	Nil	Nil	Nil	Nil	1.0	2.0
	(ii)	With an in-slab heating or cooling system	1.25	1.25	1.25	1.25	1.25	1.25	1.25	2.25
(b)	A suspended floor without an in-slab heating or cooling system where the non- conditioned space is—									
	(i)	enclosed; and	1.0	1.0	Nil	Nil	1.0	1.0	1.5	2.5
	(ii)	where mechanically ventilated by not more than 1.5 air changes per hour.								
(c)	A suspended floor with an in-slab heating or cooling system where the non- conditioned space is—									
	(i)	enclosed; and	1.25	1.25	1.25	1.25	1.25	1.25	1.75	2.75
	(ii)	where mechanically ventilated by not more than 1.5 air changes per hour								
(d)	For other than (a), (b) or (c)		2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.5
Direction of heat flow			Upwards	Downwards and upwards		Downwards				
<b>Note:</b>										
A sub-floor space with not more than 150% of the <i>required</i> sub-floor ventilation is considered enclosed.										