

Table 1 - Maximum Volatile Organic Compound Levels for construction materials. (Source: Green Building Council Australia – Green Star Multi-Unit Residential v1 2009 Manual)

Product Type/Sub Category	Max TVOC Content (g/L of ready-to-use-product)
<b>Paints, Varnishes and Protective Coatings</b>	
Walls and ceilings – interior semi-gloss	16
Walls and ceilings – interior low sheen	16
Walls and ceilings – interior flat washable	16
Ceilings – interior flat	14
Trim – gloss, semi-gloss, satin, varnishes, and wood stains	75
Timber and binding parameters	30
Latex primer for galvanised iron and zincalume	60
Interior latex undercoat	65
Interior sealer	65
One and Two pack performance coatings for floors	140
Any solvent-based coatings whose purpose is not covered in table	200
<b>Adhesives and Sealants</b>	
Indoor carpet adhesive	50
Carpet pad adhesive	50
Wood flooring and laminate adhesive	100
Rubber flooring adhesive	60
Sub-floor adhesive	50
Ceramic tile adhesive	65
Cove base adhesive	50
Dry wall and panel adhesive	50
Multipurpose construction adhesive (includes fire/waterproofing sealants)	70
Structural glazing adhesive	100
Architectural sealants	250
<b>Carpets</b>	
Total VOC limit	
4-PC (4-Phenylcyclohexene)	0.5mg/m <sup>2</sup> per hour

**Table 2** - Maximum Formaldehyde levels for processed wood products. (Source: Green Building Council Australia – Green Star Multi-Unit Residential v1 2009 Manual)

---

Formaldehyde emission limit values for different testing methods

Test Method	E1	E0	Super E0
AS 2098.11 for plywood	<1.0mg/L	<0.5mg/L	<0.3mg/L
AS 4266.16 for particle board For MDF	<1.0mg/L <1.5mg/L	<0.5mg/L	<0.3mg/L
JIS A1460 not applicable to plywood	<1.0mg/L	<0.5mg/L	<0.3mg/L
JAS 233 for plywood	<1.0mg/L	<0.5mg/L	<1.0mg/L
EN 120 for particle board and MDF For plywood	<9.0mg/(100g) <6.0mg/(100g)	<6.0mg/(100g) <9.0mg/L	
DIN EN 717 1	<0.12mg/m <sup>3</sup> h	<0.08mg/m <sup>3</sup> h	<0.04mg/m <sup>3</sup> h
DIN EN 717 2 not applicable to MDF	<0.12mg/m <sup>3</sup> h	<0.08mg/m <sup>3</sup> h	<0.12mg/m <sup>3</sup> h

---