



## (BS) EN 717-1: 2004 (confirmed 2014)

### Wood-based Panels - Determination of Formaldehyde Release - Formaldehyde emission by the chamber method

This gives a climate chamber method for determining formaldehyde emission from panels in a steady concentration under well-defined conditions. Three options of test chamber are given in Annex A (normative). This method can be used to estimate the concentration of formaldehyde under various conditions in practice by using mathematical models. The three chamber options are:

Option 1: Large test chamber having a minimum net volume of 12m<sup>3</sup>

Option 2: - A 1m<sup>3</sup> test chamber

Option 3: - A test chamber with a volume of 0.225m<sup>3</sup>

<b>(BS) EN 717-1 for plywood, OSB and LVL: formaldehyde emission classification and release values used for initial type testing</b>	
<b>Formaldehyde Release Classification</b>	<b>(BS) EN 717-1 Test Requirement</b>
<b>E1</b>	Release ≤ 0.124 mg/m <sup>3</sup> air
<b>E2</b>	Release > 0.124 mg/m <sup>3</sup> air