



(BS) EN 13986: 2004 +A1:2015

Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking

(BS) EN 13986 is the core standard for wood-based panels. It defines the performance characteristic and test methods for wood-based panels (including plywood, OSB and LVL) enabling their use in construction applications.

Compliance confers a presumption of 'fitness for purpose' for a particular, intended end use.

Important standard sections include:

2015 amendments include racking resistance, embedment strength, air permeability; additional info on dangerous substances and terminology reflecting EU-CPR requirements.

- The system of assessment and verification of constancy of performance with compliance demonstrated by factory production control, determination of product type, initial factory inspection and continuous surveillance of the factory production control. Certificate of conformity and Declaration of Conformity.
- Trademarks; CE marking (Annex ZA (informative) Section ZA.3 covers the CE marking of panels).



End use and service conditions for wood-based panels	
EN 13986 (Table Nos.)	End Use and Service Conditions
1	For internal use as structural components in dry ¹ conditions
2	For internal (or protected external) use as structural components in humid ² conditions
3	For external ³ use as structural components
4	For internal use as non-structural components in dry ¹ conditions
5	For internal (or protected external) use as non-structural components in humid ² conditions
6	For external ³ use as non-structural components
7	For use as structural floor decking on joists in dry ¹ , humid ² or external ³ conditions For use as structural roof decking on joists in dry ¹ , humid ² or external ³ conditions For use as structural wall sheathing on studs in dry ¹ , humid ² or external ³ conditions

Note: ¹ service class 1; ² service class 2 (See [\(BS\)EN 636](#) Table 13 for definitions); ³ service class 3