

Revision 1 of EN 14509

Changes and News

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Table Ge: Tightness

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Pt	Topic	Chapter	Changes in Rev 1	Kind of changes	Comparison with the previous edition	Comments
1	Air permeability	5.2.7	air permeability of a sandwich panel assembly shall conform to A.12 with new definition of the values which shall be declared in the CE-mark	changed	air permeability in (m ³ /m ² h for 50 Pa)	Values and dimension for declaration have changed.
2	Air permeability Calculations and results	A.12 A.12.5	The air permeability (air loss) shall be determined in accordance with EN 12114. The air permeability test should begin with a pressure difference Δp max of at least 200 Pa between the inside and outside of the test assembly. The values n and C shall be declared on the basis of the test results (according to EN 12114, app. B, Formula (B.8). The air loss V can be calculated using $C = \exp(\alpha)$ and $V = C \cdot \Delta p^n$ (EN 12114, app. B, Formula (B.1)	changed		Important change, especially for the declaration in the CE-mark.
3	Airborne sound Test specimens	A.13 A.13.3	The specimen shall be mounted in accordance with EN ISO 140-3, Clause 5.2.1 Partitions.	changed		

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4	Sound Absorption Test Specimens	A.14 A.14.3	The mounting of the test specimens shall conform to the normal assembly in a building with the same connections and seals between the elements. The test specimen shall be placed directly against one of the internal surfaces (wall, ceiling or floor) of the chamber in accordance with EN ISO 354:2003, Annex B Type A. A reflective frame shall be installed round the test specimen.	changed		