

Danish Indoor Climate Labelling



Testing and labelling criteria Products for flooring installation 2nd edition, January 2018

Reference to General labelling criteria	Property	Requirements
Clause 2	<i>Use(s)</i>	<p>The criteria cover products used for flooring installation in buildings, e.g. levelling compounds and adhesives.</p> <p>Maintenance products, e.g. oils for wooden floors has to be tested according to the testing and labelling criteria for Care and maintenance products.</p> <p>Varnishes for wooden floors are testes according to testing and labelling criteria for interior building paint.</p> <p>This method cannot be used for estimating the air quality in a real room based on tests of individual products as the effects of sorption at / desorption from and interactions between floor coverings, substrates and products for flooring installation cannot be simulated.</p>
Clause 5.2	<i>Description of the products</i>	It should appear wheter the supplier prescribes the use of other materials for completion, and whether these materials are included in the testing.
Clause 6.5	<i>Sampling</i>	<p>Unopened retail packages can be sampled for testing whenever appropriate.</p> <p>From products delivered only in large bulk units a representative sample for laboratory testing may be taken in a clean, inert, airtight and closeable container.</p>
Clause 7	<i>Reference room loading factor</i>	The loading factor is 0.4 m ² /m ³ , corresponding to the loading factor for floors, cf. EN 16516.
Clause 7.1	<i>Test specimen preparation</i>	<p>Preparation of test specimen</p> <p>Ready-to-use products are tested in their state of delivery. One-component products are homogenized. Two- or multi-component products are prepared and mixed as prescribed by the manufacturer.</p> <p>The test specimens are prepared in different ways, depending on the nature of the product. The preparation of the test specimens has to be done exactly according to the specifications below.</p> <p>Pasty products – adhesives for floor coverings, parquet, ceramic tiles</p> <p><i>Procedure for ready-to-use products</i></p> <p>Transfer the sample in excess onto a pre-weighed glass plate and spread it with a notched trowel TKB B1 (hold at 60° angle) in one stroke.</p> <p>This has to be carried out in such a way that the sample is uniformly structured across the whole area. For products with low viscosity, full coverage application in glass dishes with a flat bottom and a rim is performed if the above procedure cannot be applied. Weigh the glass plate again and record the weight of the specimen. The sample must weigh 250-350 g/m². Less adhesive</p>

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		<p>is applied by reducing the trowel angle. More adhesive is applied by increasing the trowel angle. The preparation shall not take more than 3 minutes. Transfer the test specimen into the test chamber immediately after preparation.</p> <p>Testing with a higher application amount is possible upon request of the manufacturer. Then a tolerance of $\pm 50 \text{ g/m}^2$ of target value shall be respected.</p> <p><i>Procedure for two or multi component and powder based products</i></p> <p>Mix the components as specified by the manufacturer. Prepare a test specimen as described above.</p> <p>Notched trowel TKB B1 has the following dimensions:</p>																					
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<p>Clause 8.2</p>	<p><i>Maximum allowed time-value</i></p>	<p>60 days</p>																					