

related test method	<b>EN ISO 11925-2: 2000 Ignitability of building products subjected to direct impingement of flame– Part 2: Single flame source test</b>
subject	<b>Number of test specimens required to test multilayer products</b>
reference of original query	TC1 N216rev1 Helpdesk 2002-08, TC1 N235

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**Problem**

It is impracticable to follow the test standard in the matter of the number of tests required for multilayered materials. The standard states that each different layer has to be tested. This requirement can increase the number of tests dramatically.

It is proposed that a practice be introduced whereby laboratories should identify the worst case (worst layer), by performing two tests at each possible flame application point according to §7.3.3.2.3 and then to test only this worst case six times.

**Recommendation**

EGOLF members when testing multilayer products to EN 11925-2 and carrying out the prescribed additional set of tests on multilayer test specimens of thickness greater than 10 mm, according to §7.3.3.2.3 of the standard shall:

- Identify the layer in the multilayer product which gives the worst case, by performing two tests at each possible flame application point (on each layer) according to §7.3.3.2.3.
- Perform six tests on the identified worst case layer.

