

related test method	EN ISO 11925-2: 2002 Ignitability of building products subjected to direct impingement of flame – Part 2: Single flame source test
subject	Procedure for testing vapour barrier foils
reference of original query	TC1 N218rev1 Helpdesk 2002-10, TC1 N237

Problem

EN 11925-2 does not define how to test vapour barrier foils. CEN TC127 ad hoc 45 has been asked to address this matter, but has stated that it is a "Product Standard" problem. However, no positive action has been taken to alert the appropriate Product Committee.

Recommendation

EGOLF members when testing vapour barrier foils to EN 11925-2 shall perform tests on representative test specimens, numbered according to §5.4, and:

- The vapour barrier foil shall be tested, both free hanging (without substrate) and on a rock fibre mineral wool slab substrate in accordance with table 1 of EN 13238: 2001.
- Tests with surface application of the flame solely shall be done. If requested by the sponsor also edge application of the flame can be done.

The field of direct application of the test results shall be as follows:

When testing free hanging and on a rock fibre mineral wool slab substrate (according to table 1 of EN 13238: 2001) the test result shall be considered valid when the "vapour barrier foil" in its end-use application is intended to be placed at least 80 mm from other building products or used on insulation products of at least A2 s1 d0 classification.

The test results may not be considered valid when the vapour barrier foil in its end-use application is intended to be placed at a distance of less than 80 mm from other building products or used on insulation products of lower classification than A2 s1 d0. In such cases, the vapour barrier foil shall be retested in the end-use application, using the specific placement / specific insulation product(s) intended therein.

If surface flame application solely was done then the classification report shall include the statement that edge flaming was not performed according to the product standard.

