

EGOLF AGREEMENT 029-2016

Subject of Agreement	Product orientation in the SBI
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Problem:

According to EN 13823, clause 5.4 both directions have to be tested, if the reaction to fire behavior depends on the orientation of a product.

Actual case: The SBI with vertical orientation of a product fails, whereas the horizontal orientation passes the test.

According to the information of the sponsor the end use of his product is only in a horizontal way. In vertical orientation the product is not able to fulfill its real technical function.

Question:

If the end use of a product is only in one direction (e.g. only horizontal), is it allowed to classify according EN 13501-1 only this tested direction with explicitly excluding the other (in above case vertical) direction?

Solution:

Paragraph 5.2.1 of EN 13823 states: "When products are tested, mounted as in their end use application, the test results are valid only for that application." This rule has to be interpreted as a basic rule. So, if a product is used only in one orientation, it only has to be tested in that orientation. The classification is only valid for the tested orientation.