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| related test method | EN 13823 |
| subject | Distance between specimen and substrate |
| reference of original query | TC1 N292 Helpdesk 2006-03 |

problem

According to EN 13823 (SBI-Standard) it is required that specimens have to have a distance between backside and substrate of at least 40 mm when the product is ventilated in the end use application.

Does this test specimen arrangement also cover the end use application of a ventilated gap of 20 mm distance between backside of the product and substrate? Is the test result of a SBI-test with a distance of 40 mm between specimen and substrate also valid for a distance of 20 mm between the specimen and substrate? Is the above mentioned statement of the standard also valid for non-ventilated gaps?

Document 2156 of CEN TC 127 "Mounting and fixing in reaction to fire tests under the CPD" does not give a clear answer to this problem.

agreement

Make as indicative test the minimum asked by manufacturer (not less than 5mm), and the 40mm. Then the worst indicative test will be tested as real test (3-5 samples) and used for classification of the range.

