

related test method	SBI – EN 13823
subject	range of test sheets of PVC panels for wall covering
Date	2013-03-13
reference of original query	TC1, N500, Helpdesk 2012-14

Problem

With respect to material of PVC with several colours and two thicknesses, what will be the criteria to test it in the SBI? Is it sufficient to test the material of greater thickness and colour with a higher content of organic matter?

Recommendation

If there are no rules available from a product standard, then the maximum and the minimum thickness shall be included in the test programme. Test in the first SBI-test e.g. the minimum thickness, in the second test the maximum thickness and then repeat twice with the thickness which gave worst test results.

If it is not clear which was the worst case (because e.g. with one variant the FIGRA was higher, but for the other variant the TSP was higher) then you have to test both variants within total three tests. If the difference between maximum and minimum thickness is high you should think about to test also an intermediate thickness. The test results cover all thicknesses between the thicknesses which was in test.

Concerning the colour, it is recommended to test a light colour, a dark colour and a red colour. If differences are detected, then repeat the tests with the colour which gave the worst test results.

