

Report	2004-1457	12.05.2004
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Thema: Testing the EU building class according to DIN EN 13501-1 in the SBI-Test according to DIN EN 13823 and according to ISO 11925-2:2002(E) of a facade panelling, by the order of the Fa. Alumil Milonas S.A..

Abridged version:

By the order of the Fa. Alumil Milonas S.A. 3 specimen of a facade panelling had to be tested in the SBI –test according to DIN EN 13823 and each 3 specimen had to be tested with edge- and surface ignition according to ISO 11925-2:2002(E).

Material designation: Facade panelling, 4 mm sandwich panels (0,5 mm Al - 3 mm Poyethylen - 0,5 mm Al), thickness 4 mm (measured)

Construction: Specimen for the SBI – test covered with calziumsilicat plates behind thickness 10 mm / density: 800 kg/m³) without further fixings. Cover film removed for the test; dull surface to the burner.

Date of arrival: **05.05.2004** Date of test: **11.05.2004**

Single results: see nnexes 1-2




Fotos: see annexes 3-4

Test results SBI: (average)	FIGRA _{0,4MJ}	[W/s]	13,3531
	THR _{600s}	[MJ]	1,2661
	SMOGRA-index	[m ² /s ²]	5,0175
	TSP _{600s}	[m ²]	64,6639
	LFS		< edge of specimen Probe

Classification: The tested material passes: the requirements of the EU – building classes **B or better, s2 und d0** according to DIN EN 13501-1.

This report contains of 1 page and 4 annexes

Remarks: These test results relate only to the behaviour of the test specimens under the particular conditions of the test. They are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.
 2 Testreports in German and English / No part of the test report may be reproduced without written permission of the test laboratory.

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