

Report of Brandschacht tests according to DIN 4102-1

Test-Nr.	01.52.5419.11	Date: 6 th October 2011
Applicant	ANTALIS INTERNATIONAL, 8 rue de Seine, 92100 Boulogne-Billancourt - France	
Material tested	Foil	
Material name	Coala Roll-up Banner	

Material data

Test thickness

mm

Climatised storage

yes

weight per square meter

g/m²

Preliminary end of test

no

density

kg/m³

Remarks: Specimen 1;2 : tested in longitudinal direction

Specimen 3;4 : tested in cross direction

Sample		A	B	C	D
First flaming*)	min, sec	0:03			
Max. flame height	cm	50			
Point of time *)	min, sec	0:30			
First melting *)	min, sec	0:06			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	0:20			
Components fall down *)	min, sec	0:13			
Extent		strong			
Continuation of burning on the perforated bottom **)	min, sec	0:15			
Max. effluent temperature	°C	116			
Appeared after *)	min, sec	10:00			
Effluent temperature after 10 min.	°C	116			
Smoke density		moderate			
Afterglowing **)	min, sec	-			
Remaining lengths	Specimen 1	cm	57		
	Specimen 2	cm	55		
	Specimen 3	cm	58		
	Specimen 4	cm	50		
Mean value of each single test	cm	55			

Remarks: ---.

This test is an exploratory analysis and not a confirmation of building material class according to DIN 4102-1. The material has passed the Brandschacht test to DIN 4102-B1 in the above mentioned test arrangement. According to the application further Brandschacht tests and a B 2-test are required.

The testmaterial passed the "Brandschacht" test to DIN 4102-B1

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*) Time referred to the beginning of the test

**) Time period

	Requirements		
	A 1	A 2	B 1
Brandschacht			
- Residual length			
a) Mean value of each test	≥ 35 cm	≥ 35 cm	≥ 15 cm
b) each single value	> 20 cm	> 20 cm	> 0 cm
- Rauchgastemperatur	≤ 125 °C	≤ 125 °C	≤ 200 °C
- Entflammung auf der Probenrückseite	nein	nein	zulässig
- Brandparallelscheinungen weitere Nachweise	kein Anlass zu Bedenken		
	750°C Ofen, Rauchdichte, Toxizität, ggf. Heizwert	B2-Brennkasten	