

Report on the trial results of the fire-tunnel tests according to DIN 4102-1

Test-Nr.	01.52.4333.07	Date: 20 th February, 2007
Applicant	A. Berger GmbH & Co. KG, Kuhleshütte 84, D-47809 Krefeld	
Material tested	Fabric	
Material name	Eco flag 117 FR (+ w) Art. Nr. 3745	

Material data

Test thickness	mm	Climatised storage	yes
Average surface area mass	g/m ²	Preliminary end of test	no
Average raw density	kg/m ³	No. of tests required for main examination	
Glow remains according to DIN 52330	%	Miscellaneous details:	

Test units		A	B	C	D
First flames *)	min, sec	0:03			
Max. flame height	cm	40			
Point of time *)	min, sec	0:25			
Melting point *)	min, sec	0:03			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	-			
Burning components drip down *)	min, sec	0:05			
Extent		moderate			
Continuation of burning on the perforated bottom **)	min, sec	-			
Max. smoke temperature	°C	114			
Appeared after *)	min, sec	10:00			
Smoke density		low			
Glowing particles after test end **)	min, sec	-			
Remaining lengths	Test 1	cm	58		
	Test 2	cm	60		
	Test 3	cm	59		
	Test 4	cm	60		
Average value of single test		cm	59		

Remarks:---

The test material passed the „Brandschacht“ to DIN 4102-B1.

ppa. Dr. Kanig

i. A. Maßmann

*) Point of time referred to the test beginning
**) Time period

Art der Anforderung	Anforderungen		
	A 1	A 2	B 1
Brandschacht			
- Restlänge			
a) Mittelwert jedes Schachtes	> 35 cm	> 35 cm	> 15 cm
b) Einzelwerte	> 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		B2-
	750°C Ofen, Rauchdichte, Toxizität, ggf. Heizwert		Brannkasten

This information sheet is not a certificate of building material class according to DIN 4102-1.

quick - mix Gruppe GmbH & Co. KG

Mühlenschweg 7 ♦ 49090 Osnabrück ♦ Tel. +49 5 41 6 01-01 ♦ Fax 6 01-769

