

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

Test-Nr.	01.52.4004.05	Date 19 th January 2005
Applicant	Georg + Otto Friedrich KG, Postfach 1264, 64841 Groß-Zimmern	
Material tested	Fabric	
Material name	6050 KFLBC	

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	%		

Test units		A	B	C	D
First flames *)	min, sec	0:04			
Max. flame height	cm	40			
Point of time *)	min, sec	0:25			
Melting point *)	min, sec	0:04			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	-			

Burning components drip down*)	min, sec	0:04			
Extent		moderate			
Continuation of burning on the perforated bottom **)	min, sec	-			

Max. smoke temperature	°C	112			
Appeared after *)	min, sec	10:00			
Smoke temperature after 10 min.	°C	112			

Smoke density		low			
Glowing particles after test end **)	min, sec	-			

Remaining lengths	Test 1	cm	62			
	Test 2	cm	65			
	Test 3	cm	66			
	Test 4	cm	65			
Average value of single test		cm	65			

Remarks: -----

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

i.V. Bühning

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	kein Anlass zu Bedenken		
- weitere Nachweise	750°C Ofen, Rauchdichte, Toxizität, ggf. Heizwert		B2-Brennkasten

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

