

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

Test-Nr.:	01.52.4869.09	Date: 13 th January 2009
Applicant:	A Berger GmbH & Co KG, Kuhleshütte 84, 47809 Krefeld	
Material tested:	Fabric, 100% PES - PU-coated	
Material name:	Universal Lighttex FR + wos 4499-77	

Material data

Test thickness
Average surface area mass
Average raw density
Glow remains according to DIN 52330

mm	
g/m ²	
kg/m ³	
%	

Climatised storage
Preliminary end of test

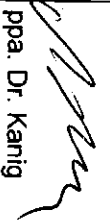
yes
no

No. of tests required for main examination
Miscellaneous details:

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 0:45			
Components drip down *)	min, sec 0:08			
Extent	min, sec moderate			
Continuation of burning on the perforated bottom **)	min, sec -			
Max. smoke temperature	°C 115			
Appeared after *)	min, sec 10:00			
Smoke density				
Glowing particles after test end **)	min, sec low			
Remaining lengths	Test 1 cm 61			
	Test 2 cm 62			
	Test 3 cm 62			
	Test 4 cm 61			
Average value of single test	cm 62			

Remarks: ---

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


ppa. Dr. Karig


A. Walsmann

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

Art der Anforderung	Anforderungen		
Brandschacht	A 1	A 2	B 1
- Resillänge	> 35 cm	> 35 cm	> 15 cm
a) Mittelwert jedes Schachtes	> 20 cm	> 20 cm	> 0 cm
b) Einzelwerte	< 125 °C	< 125 °C	< 200 °C
- Rauchgastemperatur	nein	nein	zulässig
- Entflammung auf der Probenrückseite			
- Brandparallelscheinungen			
- weitere Nachweise			
	kein Anlass zu Bedenken		
	750°C Ofen, Rauchlichte, Textzähl, ggf. Heizwert		
			B2-Brandkassen

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