

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

Test-Nr.	01.52.4534.07	Date:	21 st November 2007
Applicant			
Material tested	Coated fabric		
Material name	DY – BW2-550 (1018)		

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	0:04			
Max. flame height	cm	50			
Point of time *)	min, sec	0:12			
Melting point *)	min, sec	0:06			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	0:19			
Components drip down *)	min, sec	0:15			
Extent		moderate			
Continuation of burning on the perforated bottom **)	min, sec	0:10			
Max. smoke temperature	°C	115			
Appeared after *)	min, sec	10:00			
Smoke density		strong			
Glowing particles after test end **)	min, sec	-			
Remaining lengths	Test 1	cm	53		
	Test 2	cm	57		
	Test 3	cm	50		
	Test 4	cm	55		
Average value of single test		cm	54		

Remarks: ---

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


ppa. Dr. Kanig


i. V. Uwe Kielhorn

*) 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 b) Einzelwerte - Rauchgastemperatur - Entflammung auf der Probenrückseite - Brandparallelererscheinungen weitere Nachweise	> 35 cm > 20 cm < 125 °C nein	> 35 cm > 20 cm < 125 °C nein	> 15 cm > 0 cm < 200 °C zulässig
	kein Anlass zu Bedenken		
	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.

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