

Fire Test Certificate – Specimen

Fabric: PVC Mesh (Digital Print)
Type: B1

J&C Joel

the inspiration behind the performance



quick-mix Gruppe, Forschung + Entwicklung

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

Test-Nr.	01.52.4632.08	Date: 15 th April 2008
Material tested	Fabric	
Material name	DY – MESH - 12	

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	50			
Point of time *)	min, sec	0:15			
Melting point *)	min, sec	0:04			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	-			
Components drip down *)	min, sec	0:09			
Extent		moderate			
Continuation of burning on the perforated bottom **)	min, sec	-			
Max. smoke temperature	°C	116			
Appeared after *)	min, sec	10:00			
Smoke density		moderate			
Glowing particles after test end **)	min, sec	-			
Remaining lengths	Test 1	cm	52		
	Test 2	cm	56		
	Test 3	cm	57		
	Test 4	cm	53		
Average value of single test		cm	55		

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

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

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