

**Report of Brandschacht tests
according to DIN 4102-1**

Test-Nr.	01.52.5419.11	Date:	6 th October 2011
Applicant	Endutex Revestimentos Têxteis, SA - Lugar de Baiona, 4795_784 Vilarinho STS/Portugal		
Material tested	Foil		
Material name	Rolltex FR		

Material data

Test thickness	mm	Climatised storage	yes
weight per square meter	g/m ²	Preliminary end of test	no
density	kg/m ³		

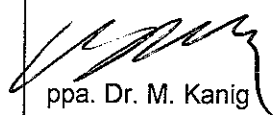
Remarks: Specimen 1;2 : tested in longitudinal direction Specimen 3;4 :tested in cross direction

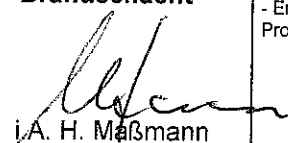
Sample		A	B	C	D
First flaming*)	min, sec	0:03			
Max. flame height	cm	50			
Point of time *)	min, sec	0:30			
First melting *)	min, sec	0:06			
Flames on reverse side of test unit *)	min, sec	-			
Influence on burner flame *)	min, sec	0:20			
Components fall down *)	min, sec	0:13			
Extent		strong			
Continuation of burning on the perforated bottom **)	min, sec	0:15			
Max. effluent temperature	°C	116			
Appeared after *)	min, sec	10:00			
Effluent temperature after 10 min.	°C	116			
Smoke density		moderate			
Afterglowing **)	min, sec	-			
Remaining lengths	Specimen 1	cm	57		
	Specimen 2	cm	55		
	Specimen 3	cm	58		
	Specimen 4	cm	50		
Mean value of each single test	cm	55			

Remarks: ---.

This test is an exploratory analysis and not a confirmation of building material class according to DIN 4102-1. The material has passed the Brandschacht test to DIN 4102-B1 in the above mentioned test arrangement. According to the application further Brandschacht tests and a B 2-test are required.

The testmaterial passed the " Brandschacht" test to DIN 4102-B1


ppa. Dr. M. Kanig


J.A. H. Maßmann

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

	Requirements		
	A 1	A 2	B 1
Brandschacht			
- Residual length			
a) Mean value of each test	> 35 cm	> 35 cm	≥ 15 cm
b) each single value	> 20 cm	> 20 cm	> 0 cm
- Rauchgastemperatur	≤ 125 °C	≤ 125 °C	≤ 200 °C
- Entflammung auf der Probenrückseite	nein	nein	zulässig
- Brandparallelererscheinungen weitere Nachweise	kein Anlass zu Bedenken		
	750°C Ofen, Rauchdichte, Toxizität, ggf. Heizwert	B2-Brennkasten	