

Report on the trial results of a B 2-Test to DIN 4102-1

Test-Nr.	01.52.4590.08	Date: 2008-02-20
Applicant	A. Berger GmbH & Co. KG, Kuhleshütte 84, D-47809 Krefeld	
Material tested	Fabric	
Material name	PES-Display 210 FR+wo 4280-73	

Material data

Test thickness
Average surface area mass
Average raw density

mm
g/m ²
kg/m ³

Climate storage

yes

TEST RESULTS

a) Edge ignition according to paragraph 6.2.4.2 (Ignition in warp-direction)

Test	Flash-point of testmaterial	Max. high of flames during test (20 sec)	Point of time	Mark reached after	Extinguish of material-flames, point of time	Duration of glowing/smoldering	Specifications passed	Burning components drop down	Time of first drops	Duration of dropping
1	< 1	4	4	-	0:07	sec	yes	-	-	-
2	< 1	5	4	-	0:06	-	yes	-	-	-
3	< 1	5	5	-	0:07	-	yes	-	-	-
4	< 1	4	5	-	0:07	-	yes	-	-	-
5	< 1	5	5	-	0:06	-	yes	-	-	-

Remarks:

Flames: sooting

Smoke density: low

b) Edge ignition according to paragraph 6.2.4.2 (Ignition in weft-direction)

Test	Flash-point of testmaterial	Max. high of flames during test (20 sec)	Point of time	Mark reached after	Extinguish of material-flames, point of time	Duration of glowing/smoldering	Specifications passed	Burning components drop down	Time of first drops	Duration of dropping
1	< 1	4	5	-	0:06	sec	yes	-	-	-
2	< 1	4	5	-	0:05	-	yes	-	-	-
3	< 1	5	4	-	0:05	-	yes	-	-	-
4	< 1	4	5	-	0:06	-	yes	-	-	-
5	< 1	4	5	-	0:06	-	yes	-	-	-

Remarks:

Flames: sooting

Smoke density: low

The test material passed the requirements to DIN 4102-B2.


 ppa. Dr. Kanig

 I. A. Maßmann

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