

Test laboratory for the fire behavior of building materials, Dipl.-Ing. (FH) Andreas Hoch
Testing, supervising and certifying body, authorized by the building supervision authority

Prüfinstitut Hoch, Lerchenweg 1, D-97650 Fladungen

Fladungen, May 31st 2012

extensions: int-49-9778-7480

Andreas Hoch: -201
Jürgen Hammer: -204
Thomas Peter: -205
Tina Zitzmann: -206
Bettina Greifzu: -207
Diana Günzel: -202

K-Hoch-120648

fire test according to DIN 4102-1 (B1) with following fabric**PN 15267 „X-STRECH“ white fabric consisting of 100% polyester**thickness \approx 0,61 mmarea weight \approx 137 g/m²**Dear Mr. Schüssler,**

with the fabric we did fire tests acc. DIN 4102-1 in the “Brennkasten” and “Brandschacht” with the following results:

Brennkasten-Test	edge-test	surface-test
max. flame height	14 cm	10 cm
dropping of burning material	no	no

The flame must not hit the gage mark of 15 cm.

Brandschacht-Test	#2916	#2917
flamed side / direction	A / warp	B / weft
max. flame height / time of occurrence	30 cm / 0:02 min–10:00 min	30 cm / 0:02 min–10:00 min
max. smoke temperature	120°C	122°C
rest length sample 1 / 2 / 3 / 4	62/72/67/69 cm	61/65/68/68 cm
rest length (average)	68 cm	66 cm
smoke development	1 %/min	1 %/min
burning droplets	no	no

the rest length must be >15 cm, the maximum smoke temperature must be lower than 200°C

- **The fabric did pass the “Brennkasten-Test” (B2).**
- **The fabric did pass the “Brandschacht-Test”.**

To issue a B1-certificate no additional tests are necessary.

This report is no proof of a building class according to DIN 4102-1.

This report is no proof of applicability in the meaning of state building prescriptions.

Yours sincerely

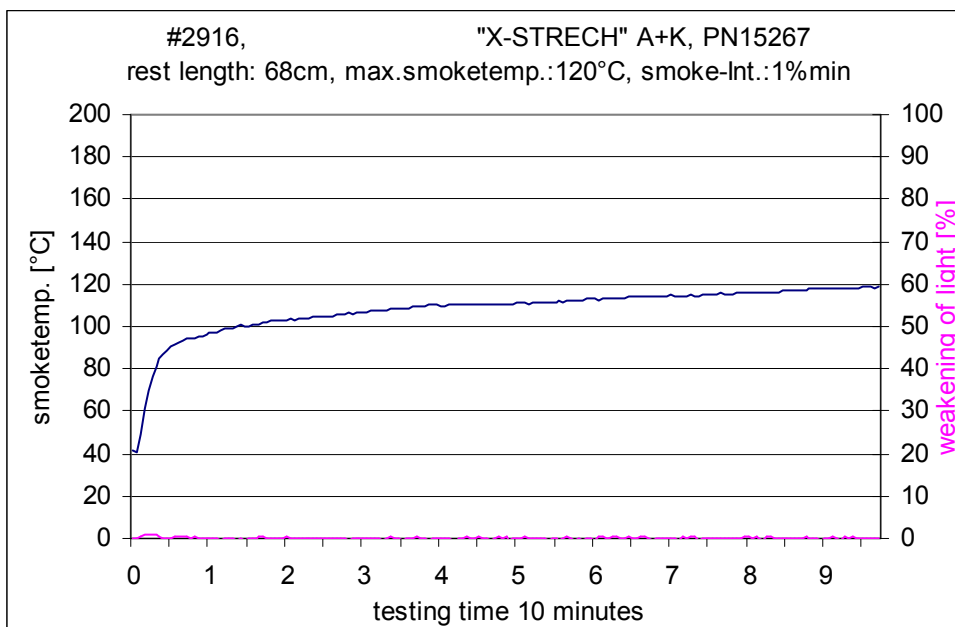
J. Hammer

This test report includes 2 enclosures.

Brandschacht-Test #2916



measurement



Brandschacht-Test #2917



measurement

