

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, September 12th 2012

A. Berger GmbH

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K-Hoch-121046

fire test according to DIN 4102-1 (B1) with following fabric

PN 15870 „4184-26 Strechpower“ white fabric consisting of 100% polyester
side A: glossier
thickness \approx 0,29 mm area weight \approx 185 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	2 cm	6 cm
dropping of burning material	no	no

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

Brandschacht-Test	#3279	#3280	#3281
flamed side / direction	A / warp	B / warp	B / weft
max. flame height	30 cm	30 cm	30 cm
max. smoke temperature	114°C	122°C	120°C
rest length sample 1 / 2 / 3 / 4	69/68/67/68 cm	66/65/66/66 cm	70/63/69/71 cm
rest length (average)	68 cm	66 cm	68 cm
smoke development	2 %min	1 %min	2 %min
burning droplets	no	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

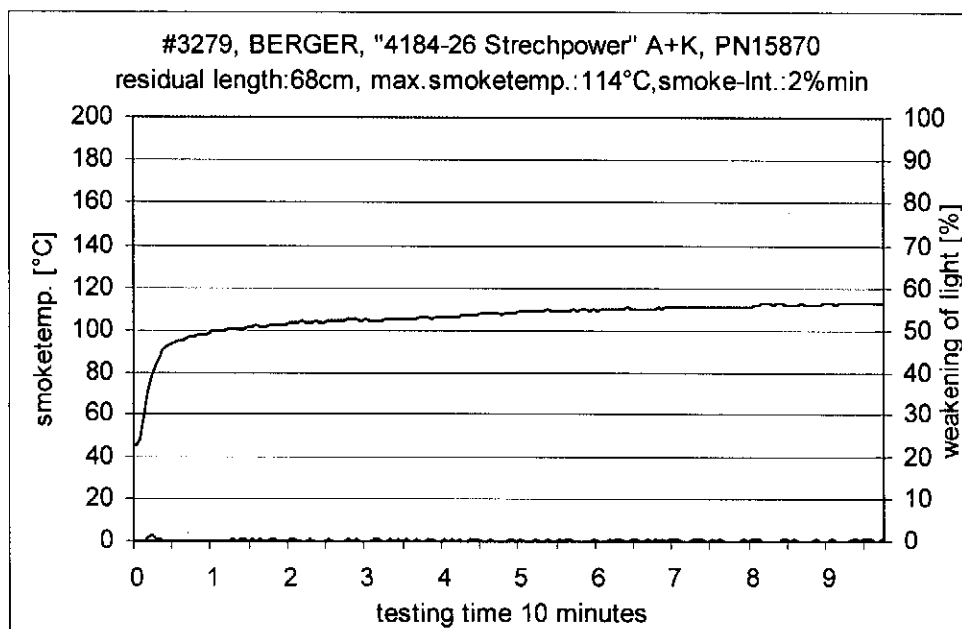


This test report includes 3 enclosures.

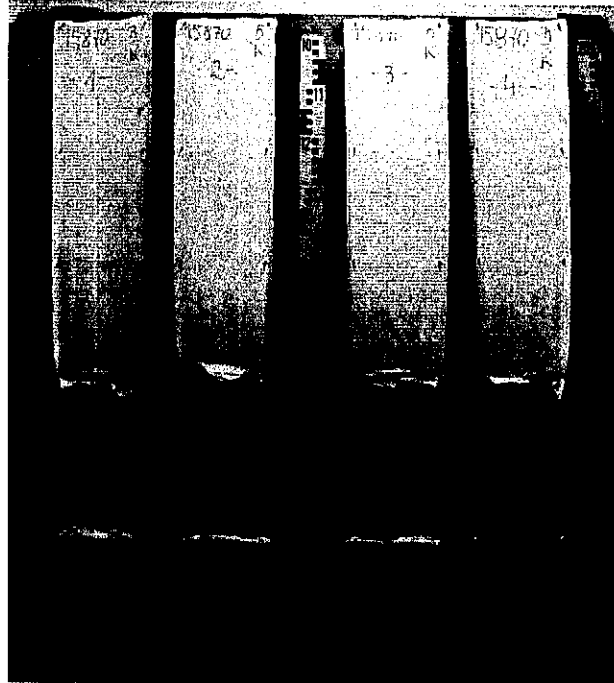
Brandschacht-Test #3279



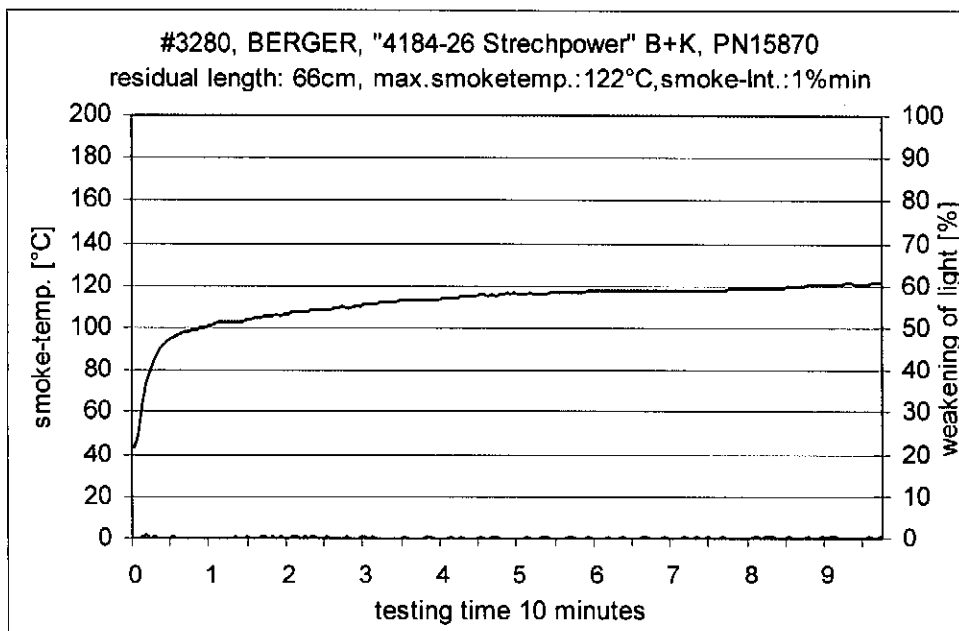
measurement



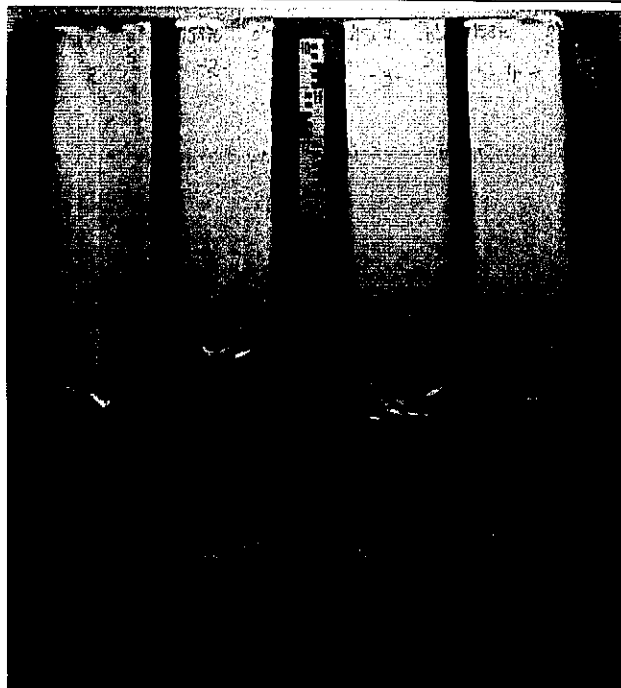
Brandschacht-Test #3280



measurement



Brandschacht-Test #3281



measurement

