

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

# TEST REPORT

## PZ-Hoch-200981

**for the proof of Fire behaviour according to DIN 4102, part 1**

**Translation of the German test report – no guarantee for translation of technical terms**

<b>company</b>	<b>Heytex Bramsche GmbH</b> Heywinkelstraße 1 D-49565 Bramsche
<b>description of samples</b>	polyester fabric, coated on both sides with PVC colour: white
<b>name of the material</b>	„H5469 frontlit light B1/M2“
<b>sampling</b>	by the company itself
<b>content of request</b>	Proof of flammability to classify building materials to class B1 “schwerentflammbar” according to DIN 4102, part 1
<b>validity of test report</b>	30.09.2025
<b>result</b>	<b>The examined product meets the requirements of class B1 for “schwerentflammbare” (hardly flammable) building materials according to DIN 4102, part 1 (May 1998), suspended freely or with distance of &gt;40 mm to same or other plain materials.</b>

This test report includes 4 pages and 4 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 9, Ziffer 1, there is no need for a general building supervisory test report.

This test report is not valid if the examined building material is used as product in the meaning of state building prescriptions (MBO § 17, Abs. 3).

This test report does not replace an eventually necessary proof of applicability concerning building supervisory or building laws in the meaning of state building prescriptions. This has to be verified by:

- “allgemeine bauaufsichtliche Zulassung” (general building inspectorate approval) or by
- „allgemeines bauaufsichtliches Prüfzeugnis“ (general building inspectorate certificate) or by
- “Zustimmung im Einzelfall” (exceptional approval)

This test report can underlie building supervisory procedures

- for regular building products for the prescribed proofs of conformity
- for non-regular building products for the needed proofs of applicability.

This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.

## 1. Description of test material in condition as delivered

**PN 32045:** „H5469 frontlit light B1/M2“ colour: white  
polyester fabric, coated on both sides with PVC  
side B: a little bit structured, glossy  
characteristic values determined by the test laboratory:  
area weight: about 505 g/m<sup>2</sup> thickness: about 0,39 mm

The testing laboratory is not provided with further details concerning composition of the tested building materials. Samples are deposited.

## 2. Preparation of samples

The samples were kept in climate chamber 23/50 until they reached constant weight.

## 3. Arrangement of samples mounting: freely suspended

#3934: flaming side A in warp direction  
#3935: flaming side B in warp direction  
#3936: flaming side A in weft direction

## 4. Date of test CW 42 in 2020

## 5. Results The test has been examined according to DIN 4102 (Mai 1998)

line no.	Measurement	Result with the tested specimen				Dim.
		#3934	#3935	#3936	---	
	Test number	#3934	#3935	#3936	---	
	flaming direction / side	warp / A	warp / B	weft / A	---	
1	<u>Number of specimen arrangement</u> acc. to. DIN 4102/T15, schedule 1	1	1	1	---	
2	<u>Maximum flame height above bottom</u> edge of the specimen	70	60	70	---	cm
3	Time <sup>1)</sup>	0:09	0:09	0:11	---	min:s
4	<u>Burn through / melting</u> Time <sup>1)</sup>	0:09	0:08	0:09	---	min:s
5	<u>Observations on the back side of the specimen</u> Flames / Glowing Time <sup>1)</sup>	---	---	---	./.	min:s
6	Change of colour Time <sup>1)</sup>	./.	./.	./.	./.	min:s
7	<u>Falling of burning droplets</u> Start <sup>1)</sup>	./.	./.	./.	./.	min:s
8	Extent sporadic falling of burning droplets <sup>2)</sup>	---	---	---	./.	
9	continuous falling of burning droplets <sup>2)</sup>	---	---	---	./.	min:s
10	<u>Falling of burning droplets</u> Start <sup>1)</sup>	./.	./.	X 0:41	./.	min:s
11	Extent sporadic falling of burning droplets <sup>2)</sup>	---	---	X	./.	
12	continuous falling of burning droplets <sup>2)</sup>	---	---	---	./.	
13	<u>After flame time at the bottom of the sieve (max.)</u>	./.	./.	0:09	./.	min:s