

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-230648

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

company	Heytex Bramsche GmbH Heywinkelstr. 1 D-49565 Bramsche
description of samples	fabric consisting of knitted Polyester, with PU-coating on one side colour: white / black
name of the material	„H7387 nightfever soft B1”
sampling	by the company itself
content of request	Proof of flammability to classify building materials to class B1 “schwerentflammbar” according to DIN 4102, part 1
validity of test report	31.05.2028
result	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 >40 mm to same or other plain materials.

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This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.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 37223: „H7387 nightfever soft B1“ colour: white pieceNo. 3019
-fabric consisting of knitted Polyester, with PU-coating on one side-
side B: black, coated
characteristic values determined by the test laboratory:
area weight: about 255g/m² thickness: about 0,40mm

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

#6484: flaming side A in warp direction
#6485: flaming side B in warp direction
#6486: flaming side A in weft direction

4. Date of test CW 22 in 2023

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

line no.	Measurement	Result with the tested specimen				Dim.
		#6484	#6485	#6486	---	
	Test number	#6484	#6485	#6486	---	
	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	60	60	60		cm
3	Time ¹⁾	0:18	0:13	0:16	---	min:s
4	<u>Burn through / melting</u> Time ¹⁾	0:04	0:04	0:05	---	min:s
5	<u>Observations on the back side of the specimen</u> Flames / Glowing Time ¹⁾	---	---	---	./.	min:s
6	Change of colour Time ¹⁾	./.	./.	./.	./.	min:s
7	<u>Falling of burning droplets</u> Start ¹⁾	./.	X 0:19	./.	./.	min:s
8	<u>Extent</u> sporadic falling of burning droplets ²⁾	---	X	---	./.	
9	continuous falling of burning droplets ²⁾	---	---	---	./.	min:s
10	<u>Falling of burning droplets</u> Start ¹⁾	./.	./.	./.	./.	min:s
11	Extent sporadic falling of burning droplets ²⁾	---	---	---	./.	
12	continuous falling of burning droplets ²⁾	---	---	---	./.	
13	<u>After flame time at the bottom of the sieve (max.)</u>	./.	0:05	./.	./.	min:s