

Informationen

zur Zertifizierung nach Baustoffklasse DIN 4102 – B1

Stoff • bozen

Farb-Nr. 190.04

190.11

190.18

190.31

190.60

190.90

Zertifikat-Nummer **PZ-Hoch-260908**

Datum **13.07.2026**

Gültigkeit **30.06.2031**

Bestätigung Die Firma erfal bestätigt, dass dieser Qualität das Zertifikat PZ-Hoch-260908 zugrunde liegt.



Kerstin Petzold
Geschäftsführerin

erfal steht für Qualität Made in Germany.

Um eine lange Lebensdauer unter Wahrung der ursprünglichen Produkteigenschaften zu gewährleisten, sollten Sie die mitgelieferten Pflege- und Reinigungsmöglichkeiten unbedingt beachten.

Bei Fragen zur Pflege unserer Stoffe melden Sie sich bitte bei:

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TEST REPORT PZ-Hoch-260908

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	COULISSE B.V. Vonderweg 48 NL-7468DC Enter
description of samples	fabric consisting 100% Polyester or 100% recycled Polyester, also with pearl coating on one side, in different colours
name of the material	„BASEL“ „BASEL PERLA“ „RE-BASEL“ „RE-BASEL PERLA“
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	30.06.2031
result	The examined products meet in any colour 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. The examined products show burning droplets.

This test report includes 8 pages and 7 enclosures.

Remark: If the above mentioned building material is not used as product according to MBO § 2, Abs. 10, there is no need for a general building supervisory test report.

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 44348:** „BASEL“ colour: **orange**
-folded fabric consisting of 100% Polyester-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
area weight: about 93 g/m² thickness: about 0,15mm
- PN 44347:** „BASEL PERLA“ colour: **red**
-folded fabric consisting of 100% Polyester, with pearl coating on one side-
side A: with pearl coating
characteristic values determined by the test laboratory:
area weight: about 99 g/m² thickness: about 0,16mm
- PN 44355:** „RE-BASEL“ colour: **beige**
-folded fabric consisting of 100% recycled Polyester-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
area weight: about 89 g/m² thickness: about 0,15mm
- PN 44346:** „RE-BASEL PERLA“ colour: **white**
-folded fabric consisting of 100% recycled Polyester, with pearl coating on one side-
Side B: with pearl coating
characteristic values determined by the test laboratory:
area weight: about 109 g/m² thickness: about 0,19mm
- PN 44353:** „RE-BASEL PERLA“ colour: **beige**
-fabric consisting of 100% recycled Polyester, with pearl coating on one side-
side B: with pearl coating
characteristic values determined by the test laboratory:
area weight: about 91 g/m² thickness: about 0,18mm
- PN 44354:** „RE-BASEL PERLA“ colour: **grey**
-fabric consisting of 100% recycled Polyester, with pearl coating on one side-
side B: with pearl coating
characteristic values determined by the test laboratory:
area weight: about 91 g/m² thickness: about 0,18mm

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

#1967:	"RE-BASEL PERLA"	side A in warp direction	PN44354
#1968:	"RE-BASEL PERLA"	side B in warp direction	PN44354
#1969:	"RE-BASEL PERLA"	side A in weft direction	PN44354
#1970:	"RE-BASEL PERLA"	side A in weft direction	PN44346
#1971:	"RE-BASEL PERLA"	side A in weft direction	PN44353
#1973:	"RE-BASEL"	side A in weft direction	PN44355
#1972:	"BASEL PERLA"	side A in weft direction	PN44347
#1974:	"BASEL"	side A in weft direction	PN44348

4. Date of test CW 28 in 2026

5.1 Results (part 1) The test has been examined according to DIN 4102 (Mai 1998)

line no.	Measurement	Result with the tested specimen					Dim.
	Test number	#1967	#1968	#1969	#1970	#1971	
	flaming direction / side	warp / A	warp / B	weft / A	weft / A	weft / A	
	<u>fabric</u>	"RE-BASEL PERLA"					
	<u>colour</u>	grey		white	beige		
1	<u>Number of specimen arrangement</u> acc. to. DIN 4102/T15, schedule 1	1	1	1	1	1	
2	<u>Maximum flame height above bottom</u> <u>edge of the specimen</u>	40	40	40	40	40	cm
3	<u>Time</u> ¹⁾	0:05	0:05	0:04	0:08	0:05	min:s
4	<u>Burn through / melting</u> <u>Time</u> ¹⁾	0:03	0:03	0:03	0:03	0:03	min:s
	<u>Observations on the back side of the</u> <u>specimen</u>						
5	<u>Flames / Glowing</u> <u>Time</u> ¹⁾	---	---	---	---	---	min:s
6	<u>Change of colour</u> <u>Time</u> ¹⁾	---	---	---	---	---	min:s
7	<u>Falling of burning droplets</u> <u>Start</u> ¹⁾	---	---	---	---	---	min:s
8	<u>Extent</u> <u>sporadic falling of burning droplets</u> ²⁾	---	---	---	---	---	
9	<u>continuous falling of burning droplets</u> ²⁾	---	---	---	---	---	min:s
10	<u>Falling of burning droplets</u> <u>Start</u> ¹⁾	X	X	X	X	X	min:s
11	<u>Extent</u> <u>sporadic falling of burning droplets</u> ²⁾	0:08/0:38	0:15	0:10	0:11	0:08	
12	<u>continuous falling of burning droplets</u> ²⁾	X	X	X	X	X	
13	<u>After flame time at the bottom of the</u> <u>sieve (max.)</u>	---	---	---	---	---	min:s
14	<u>Impairment of the burner by dropping</u> <u>or falling material:</u> <u>Time</u> ¹⁾	0:22/0:24	1:17	0:57	0:58	0:57	min:s

line no.	Measurement	Result with the tested specimen					Dim.
	Test number	#1967	#1968	#1969	#1970	#1971	
	flaming direction / side	warp / A	warp / B	weft / A	weft / A	weft / A	
15	<u>Premature end of test</u> Final occurrence of burning at the specimen ¹⁾	0:38	1:22	0:35	0:30	0:40	min:s
16	Time of eventually end of test ¹⁾	. / .	. / .	. / .	. / .	. / .	min:s
17	<u>After flame after end of test</u> Time ¹⁾	. / .	. / .	. / .	. / .	. / .	min:s
18	Number of specimen	. / .	. / .	. / .	. / .	. / .	
19	Front side of specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
20	Back side of specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
21	flame length	. / .	. / .	. / .	. / .	. / .	cm
22	<u>Afterglow after end of test</u> Time ¹⁾	. / .	. / .	. / .	. / .	. / .	min:s
23	Number of specimen	. / .	. / .	. / .	. / .	. / .	
24	<u>Place of appearance</u> Lower half of the specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
25	Upper half of the specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
26	Front side of specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
27	Back side of specimen ²⁾	. / .	. / .	. / .	. / .	. / .	
28	<u>Density of smoke</u> ≤ 400 % * min	1	3	1	1	4	% * min
29	> 400 % * min ⁴⁾	. / .	. / .	. / .	. / .	. / .	% * min
30	Diagram: encl. no.	1	1	2	2	3	
31	<u>Residual lengths: individual value³⁾</u> Specimen 1 Specimen 2 Specimen 3 Specimen 4	64 64 63 62	63 66 64 66	65 66 56 63	64 66 66 468	60 63 61 63	cm cm cm cm
32	<u>Average value, individual test ³⁾</u>	63	65	63	66	62	
33	<u>Photo of specimen in enclosure no.</u>	1	1	2	2	3	
34	<u>Flue gas temperature</u>	113	123	119	122	124	°C
35	<u>Maximum of average value</u> Time ¹⁾	09:48	09:08	10:00	09:45	09:48	min:s
36	Diagram: encl. no.	1	1	2	2	3	
37	Remarks: - none -						

¹⁾ indication of times: from the begin of testing procedure ²⁾ checked off if applicable

³⁾ indication of carrier/foam layer separated in case of fire-proofing agents

⁴⁾ very strong development of smoke

5.2 Results (part 2) The test has been examined according to DIN 4102 (Mai 1998)

line no.	Measurement	Result with the tested specimen					Dim.
	Test number	#1973	#1972	#1974	---	---	
	flaming direction / side	weft / A	weft / A	weft / A	---	---	
	<u>fabric</u>	RE-BASEL*	BASEL PERLA*	BASEL*	---	---	
	<u>colour</u>	beige	red	orange	---	---	
1	Number of specimen arrangement acc. to. DIN 4102/T15, schedule 1	1	1	1	---	---	
2	Maximum flame height above bottom edge of the specimen	30	40	30	---	---	cm
3	Time ¹⁾	0:02	0:05	0:02	---	---	min:s
4	<u>Burn through / melting</u> Time ¹⁾	0:03	0:03	0:03	---	---	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⁾	---	---	---	---	---	min:s
8	Extent	---	---	---	---	---	
9	sporadic falling of burning droplets ²⁾	---	---	---	---	---	
10	continuous falling of burning droplets ²⁾	---	---	---	---	---	min:s
11	<u>Falling of burning droplets</u> Start ¹⁾	---	---	---	---	---	min:s
12	Extent	---	---	---	---	---	
13	sporadic falling of burning droplets ²⁾	---	---	---	---	---	
14	continuous falling of burning droplets ²⁾	---	---	---	---	---	min:s
15	<u>After flame time at the bottom of the sieve (max.)</u>	---	---	---	---	---	min:s
16	<u>Impairment of the burner by dropping or falling material:</u> Time ¹⁾	---	---	---	---	---	min:s
17	<u>Premature end of test</u> Final occurrence of burning at the specimen ¹⁾	0:25	0:30	0:30	---	---	min:s
18	Time of eventually end of test ¹⁾	---	---	---	---	---	min:s
19	<u>After flame after end of test</u> Time ¹⁾	---	---	---	---	---	min:s
20	Number of specimen	---	---	---	---	---	
21	Front side of specimen ²⁾	---	---	---	---	---	
22	Back side of specimen ²⁾	---	---	---	---	---	
23	flame length	---	---	---	---	---	cm

line no.	Measurement	Result with the tested specimen					Dim.
	Test number	#1973	#1972	#1974	---	---	
	flaming direction / side	weft / A	weft / A	weft / A	---	---	
	<u>Afterglow after end of test</u>	./.	./.	./.	./.	./.	min:s
22	Time ¹⁾	./.	./.	./.	./.	./.	
23	Number of specimen	./.	./.	./.	./.	./.	
	<u>Place of appearance</u>	./.	./.	./.	./.	./.	
24	Lower half of the specimen ²⁾	./.	./.	./.	./.	./.	
25	Upper half of the specimen ²⁾	./.	./.	./.	./.	./.	
26	Front side of specimen ²⁾	./.	./.	./.	./.	./.	
27	Back side of specimen ²⁾	./.	./.	./.	./.	./.	
	<u>Density of smoke</u>						
28	≤ 400 % * min	1	1	1	---	---	% * min
29	> 400 % * min ⁴⁾	./.	./.	./.	./.	./.	% * min
30	Diagram: encl. no.	3	4	4	---	---	
31	<u>Residual lengths: individual value³⁾</u>						
	Specimen 1	64	66	62	---	---	cm
	Specimen 2	69	67	70	---	---	cm
	Specimen 3	72	57	66	---	---	cm
	Specimen 4	66	70	67	---	---	cm
32	<u>Average value, individual test ³⁾</u>	68	65	66	---	---	
33	<u>Photo of specimen in enclosure no.</u>	3	4	4	---	---	
34	<u>Flue gas temperature</u>	118	127	120	---	---	°C
35	Maximum of average value Time ¹⁾	09:57	09:48	08:41	---	---	min:s
36	Diagram: encl. no.	3	4	4	---	---	
37	Remarks: - none -						

¹⁾ indication of times: from the begin of testing procedure ²⁾ checked off if applicable

³⁾ indication of carrier/foam layer separated in case of fire-proofing agents

⁴⁾ very strong development of smoke

6. Explanations concerning the testing procedure

There were no additional tests proceeded because of the residual length of more than 45 cm.

7. Summary of results and additional establishments to Fire Behaviour

lineo.	measurement	Result with the tested specimen					dimension
	test-no.	#1967 warp / A	#1968 warp / B	#1969 weft / A	#1970 weft / A	#1971 weft / A	
	fabric	„RE-BASEL PERLA“					
	colour of fabric	grey			white	beige	
1	residual length	63	65	63	66	62	cm
2	max. smoke temperature	113	123	119	122	124	°C
3	density of smoke - integral	1	3	1	1	4	%min
4	remarks: During the "Brandschacht"-tests the material showed burning droplets for >20 seconds.						

lineo.	measurement	Result with the tested specimen					dimension
	test-no.	#1973 weft / A	#1972 weft / A	#1974 weft / A	---	---	
	fabric	„RE-BASEL“	„BASEL PERLA“	„BASEL“	---	---	
	colour of fabric	beige	red	orange	---	---	
1	residual length	68	65	66	---	---	cm
2	max. smoke temperature	118	127	120	---	---	°C
3	density of smoke - integral	1	1	1	---	---	%min
4	remarks: During the "Brandschacht"-tests #1972the material showed burning droplets for >20 seconds.						

According to DIN 4102, part 1, "schwerentflammbare" (hardly flammable) building materials must meet the requirements of class B2.

Pursuant to additional tests in the ignitability apparatus this can be determined (appendix 6-9).

8. Special remarks

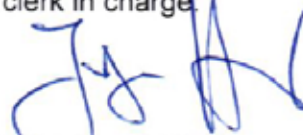
- This report is only valid for the material as described under paragraph 1. In combination with other materials or with additional coatings or grounds etc. the burning behaviour may differ.
- This test report is not valid for the exposure to outdoor climate conditions, washing or cleaning with chemicals.
- This test report is no substitute for a General Building Inspectorate Certificate.
- This test report is granted without prejudice to the rights of third parties, in particular private proprietary rights.
- For legal interests only the German original version is relevant.
- In General Building Inspectorates procedures this test report can be based for
 - regular building materials for the required proof of accordance
 - for not regular building materials for the required proof of applicability
- No measurement uncertainties of the results were taken into account in the assessment.

9. Validity

This test report is valid until the mentioned date on page 1. The test report becomes invalid in case the standards on which the tests are based are changed.

Fladungen, 13.07.2026

clerk in charge:



(Dipl.-Ing. (FH) Jürgen Hammer)



Head of the test laboratory:



(Dipl.-Ing.(FH) Andreas Hoch)