

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-240849-2

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	Silent Gliss Fabrics & Components GmbH Rheinauenstraße 8 D – 79415 Bad Bellingen
description of samples	latticed polyester fabric, coated on both sides with PVC, also aluminium vapourised on one side in different colours
name of the material	„Aluscreen Futura”
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	30.06.2029
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.

This test report includes 5 pages and 8 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This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.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 39463:** “Aluscreen Futura” colour: silver / white
-latticed polyester fabric, coated on both sides with PVC and vapourised with aluminium on one side-
side A: aluminium vapourised side B: white
characteristic values determined by the test laboratory:
thickness: about 0,45 mm
area weight: about 327 g/m²
- PN 39464:** “Aluscreen Futura” colour: silver / black
-latticed polyester fabric, coated on both sides with PVC and vapourised with aluminium on one side-
side A: aluminium vapourised side B: black
characteristic values determined by the test laboratory:
thickness: about 0,46 mm
area weight: about 331 g/m²
- PN 39465:** “Aluscreen Futura” colour: silver / grey-beige
-latticed polyester fabric, coated on both sides with PVC and vapourised with aluminium on one side-
side A: aluminium vapourised side B: grey-beige
characteristic values determined by the test laboratory:
thickness: about 0,44 mm
area weight: about 339 g/m²
- PN 39467:** “Aluscreen Futura” colour: black
-latticed polyester fabric, coated on both sides with PVC-
There is no difference between side A and side B.
characteristic values determined by the test laboratory:
thickness: about 0,49 mm
area weight: about 329 g/m²

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

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|--------|----------------------------------|-----------------|
| #7914: | flaming side A in warp direction | PN 39464 |
| #7915: | flaming side B in warp direction | PN 39464 |
| #7916: | flaming side B in weft direction | PN 39464 |
| #7917: | flaming side B in weft direction | PN 39463 |
| #7918: | flaming side B in weft direction | PN 39465 |
| #7919: | flaming side B in weft direction | PN 39467 |

4. Date of test CW 26 in 2024