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Hoch Fladungen

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-151231

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	**AMC AG** Division Intercoat Beschichtungs-und Klebetechnik Boschstr. 12 **D-24568 Kaltenkirchen**
description of samples	-white glossy selfadhesive foil consisting of PVC, glued on steel panels-
name of the material	**„1600“** **„1610”** **„1690“**
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	30.09.2020
result	**The examined products meet the requirements of class B1 for “schwerentflammbare” (hardly flammable) building materials according to DIN 4102, part 1 (May 1998), if glued on steel substrates with a density of ≥ 5890 kg/m^3, a melting point of ≥ 1000°C and a thickness of ≥ 0,6mm.**

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, Ziffer1, 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This test report must not be published and copied without preceding agreement of the test laboratory and if agreed, only during validity and unchanged concerning appearance and contents.

member of EGOLF
notified body no.: 1508

By the DAkkS according to DIN EN ISO/IEC 17025 accredited test laboratory.
The accreditation is valid for the testing methods specified in the certificate.

DAkkS Deutsche Akkreditierungsstelle D-PL-11005-01-00

1. Description of test material in condition as delivered

PN 21974: „1690“

-white, glossy selfadhesive foil consisting of PVC-

characteristic values determined by the test laboratory:

whole thickness: about 0,31 mm
whole area weight: about 296 g/m²
thickness of selfadhesive foil: about 0,14 mm
area weight of selfadhesive foil: about 118 g/m²

PN 21972: „1610“, as PN 21974, however with following values:

characteristic values determined by the test laboratory:

whole thickness: about 0,34 mm
whole area weight: about 275 g/m²
thickness of selfadhesive foil: about 0,15 mm
area weight of selfadhesive foil: about 141 g/m²

PN 21948: „1600“, as PN 21974, however with following values:

characteristic values determined by the test laboratory:

whole thickness: about 0,30 mm
whole area weight: about 286 g/m²
thickness of selfadhesive foil: about 0,13 mm
area weight of selfadhesive foil: about 149 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. The selfadhesive foil was glued on steel panels with a thickness of 0,88mm, according to DIN 4102-16: 2015-09, Punkt 4.4, d, l.

3. Arrangement of samples

mounting: selfadhesive foil glued on steel panels

#6992:	PN 21972	“1610”	flaming in transverse direction
#6993:	PN 21972	“1610”	flaming in machine direction
#6997:	PN 21974	“1690”	flaming in transverse direction
#6989:	PN 21948	“1600”	flaming in transverse direction
#7106:	PN 21948	“1600”	flaming in transverse direction
#7107:	PN 21948	“1600”	flaming in transverse direction

4. Date of test

CW 37 and CW 41 in 2015