



Testing. Advising. Assuring.

Test report No. 2018-1157

for applying of a required "Verwendbarkeitsnachweis"
issued 02.03.2018

Applicant: LG Hausys Europe GmbH
Lyoner Str. 15
D-60528 Frankfurt a.M.

Date of order: 05.02.2018
Date of sampling: *no official sampling of the specimen by a representative of Exova Warringtonfire, Frankfurt*
Date of arrival: 05.02.2018
Date of test: 26.02.2018 + 01.03.2018

Order

Testing of the flammability (building class B1) according to DIN 4102-1 (May 1998)

Description / designation of the test object

Product name: LG HI-MACS S928 Alpine White

Description of the relevant test procedure

DIN 4102 part 1 (Mai 1998)

This test report does not replace the required „Verwendbarkeitsnachweis“. It is only used for issuing the "Verwendbarkeitsnachweis".



1. Description of the test material

1.1 Details of the customer:

Product name:	LG HI-MACS S928 Alpine White
Trade name:	LG HI-MACS S928 Alpine White
Sample material:	Acrylic bonded mineral material (acrylic Solid surface)
Total thickness:	12 mm
Total surface weight:	21,81 kg/m ²
Colour:	Alpine White (white)
Flame retardants:	none
Test surface :	front side (polished surface)
Intended end use of product:	Sanitary + furniture construction

1.2 By Exova Warringtonfire, Frankfurt determined values:

Plastic plates

Colour:	white
Thickness:	12 mm
Square weight:	20,726 kg/m ²

Testing after storing 14- days under climatic conditions (23°C / 50 % rel. humidity).

Assessment

The material described in chapter one fulfils the requirements of the building class B2 according to DIN 4102-1 (Mai 1998).

The determined test results show that the material also fulfils the requirements

of the building class B1

according to DIN 4102-1 (Mai 1998).

Special note

The fire test result is only valid for the material described in chapter one in the tested colour and square weight.

The test was carried out in free hanging configuration.

The distance to other plane material must be more or equal then 40 mm.

The material wasn't tested after an outside storage.

In combination with other materials (for example coatings, deposits) the burning behaviour could be influenced unfavourable so that the classification above is not valid any longer. According to DIN 4102-1 the burning behaviour in combination with other materials has to be tested separately.

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Frankfurt, the 02.03.2018



H. Anders
Tester in Charge



i. V.
Dipl.-Ing. T. Zachäus
Head of the business



This Test report is valid until 25.02.2023.

The results of the tests relate only to the behaviour of the test specimen which is designated on the top.

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This test report is a translation of the German version 2018-1157 (issued 02.03.2018). In case of doubt only the German version is valid

This test report contains 8 pages and 3 annexes.