

Report of the classification of the reaction to fire behaviour

No. 230010871-2

issued 19.01.2017

English version

Sponsor

POLYCASA GmbH
Gassnerallee 40

55120 Mainz
GERMANY

Order

Reaction to fire classification according to DIN EN 13501-1

Date of order:

06.12.2016

Name of the classified building product¹⁾:

Compact sheets made of cast acrylic glass (PMMA) named „CRYLUX“

¹⁾ The sponsor sent in the product with another name for the test, which forms the basis of the classification report. Information on this can be found in the files of the MPA NRW.

This report determines the classification of the above-mentioned building product in accordance with the method defined in DIN EN 13501-1 (German version EN 13501-1:2007+A1:2009).

1. Description of the building product

Compact colourless sheets made of cast acryl glass (PMMA) for the use in the building industry, advertising, as partition walls, etc.

Thickness: at least 2 mm

Density: approx. 1190 kg/m³

2. Test reports and test results, which form the basis for the classification

2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	POLYCASA GmbH Gassnerallee 40 55120 Mainz GERMANY	230009355-1 of 24.03.2014	DIN EN ISO 11925-2

2.2 Test results

Test method	Number of tests	Parameter	Test results	
			Continuous parameter average values	Discrete parameter
DIN EN ISO 11925-2	12 x K 12 x F	$F_s \leq 150$ mm Flaming droplets / particles	-- --	yes no

The test procedure is described in the above-mentioned test report.

F = Surface flame impingement K= Edge flame impingement

3. Classification and direct field of application

4.1 Reference

The classification was carried out in accordance with clauses 13 and 14.3 of the standard DIN EN 13501-1: 2010.

3.2 Classification

The classification assigned to the material with regard to its reaction to fire is: **E**

The additional classification with regard to smoke production is: **--**

The additional classification with regard to flaming droplets / particles is: **--**

This results in the following reaction to fire classification of the material:

Reaction to fire	Smoke production	Flaming droplets / particles
E	--	--

i.e. **E**

3.3 Field of application of the product

The classification is solely valid for the building product described in clause 1 with thicknesses of at least 2 mm and with a density of approx. 1190 kg/m³. The product must be arranged with a distance to the same or other products.

4. Restrictions

This classification report does not replace any type approval or certification of the product.

This classification report written in English language is issued additionally to the report written in German language with the same report number. In case of doubt, the German version is solely valid.

Erwitte, 19.01.2017

On behalf


 Dipl.-Ing. Rademacher

Head of the testing body



Date of issue of this English version: 23 January 2017