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## **Test report no. 2017-1380-1**

**for the application of a prescribed certificate of usability dated 24.04.2017**

**Client:** Concept GmbH  
Am Schlag 32 b  
  
D - 65549 Limburg

**Order date:** 04.04.2017  
**Date of sampling:** No official sampling by an authorised representative  
by Exova Warringtonfire, Frankfurt  
**Receipt of samples:** 06.04.2017  
**Date of the exams:** 21.04.2017

### **Order**

Testing for normal flammability (building material class B2) according to DIN 4102-1 (May 1998)

### **Description / designation of the test item** Sample

material designated as: Shootstop CP 95

### **Description of the underlying test methods** DIN 4102

Part 1 (May 1998).

## 1. Description of the sample material

### 1.1 Sample description of the client:

Sample material designated as:      Shootstop CP 95

Trade name:	Bullet trap plates
Type of material:	EVA Type of
manufacture:	Cast Total
thickness:	10 / 50 mm
colour:	white
Flame retardant:	Unknown

### 1.2 Values determined during sample preparation by Exova Warringtonfire, Frankfurt:

#### Sheet material

Colour:	transparent	transparent
Thickness:	10 mm	50 mm
Basis weight:	9.74 kg/m <sup>2</sup>	48.5 kg/m <sup>2</sup>

Test after 14 days of climate storage at 23°C and 50% relative humidity.

## 2. Test results

### 2.1 Normal flammability test according to DIN 4102-1

Tests with edge flammability

Flame attack point : lower front edge of sample

Thickness: 10 mm

Sample no.	1	2	3	4	5
Time of inflammation [s]	1	1	1	1	1
Reaching the measuring mark (150 mm) Within 20 seconds	No	No	No	No	No
Self-extinction of the flame[s]	19	16	17	16	18
Max. Flame height [mm]	10	10	10	10	10
Time [s]	10	10	10	10	10
Afterburning time [s]	4	1	2	1	3
Afterglow time [s]	-	-	-	-	-
Flames extinguished after [s]	-	-	-	-	-
Smoke development (visual impression)	low smoke development				
Burning drop off up to 20 seconds	No	No	No	No	No
Time [s]	-	-	-	-	-

Remark:

Thickness: 50 mm

Sample no.	1	2	3	4	5
Time of inflammation [s]	1	1	1	1	1
Reaching the measuring mark (150 mm) Within 20 seconds	No	No	No	No	No
Self-extinction of the flame[s]	16	18	17	16	16
Max. Flame height [mm]	10	10	10	10	10
Time [s]	10	10	10	10	10
Afterburning time [s]	1	3	2	1	1
Afterglow time [s]	-	-	-	-	-
Flames extinguished after [s]	-	-	-	-	-
Smoke development (visual impression)	low smoke development				
Burning drop off up to 20 seconds	No	No	No	No	No
Time [s]	-	-	-	-	-

Remark:

Appearance of the samples after the small burner tests:



### 3. Assessment

The material described in section 1 has met the requirements for the

#### **Building material class B2**

complies with DIN 4102-1 (May 1998)

### 4. Special note

The fire test result only applies to the material described in section 1, in the tested colour and basis weight, in a freely suspended arrangement. The distance to other flat materials must be  $\geq 40$  mm.

In combination with other materials (e.g. coatings, backings), the fire behaviour can be unfavourably influenced, so that the above-mentioned classification is no longer valid. The fire behaviour of the material in combination with other materials must be verified separately according to DIN 4102-1.

In accordance with the experience of the test centre, the test result also includes intermediate colour combinations in the thicknesses.

This test certificate does not replace the required proof of usability required by the building authorities. It is only used for its preparation.

This audit report replaces report 2017-1380 dated 24.04.2017 (date of signature) which is hereby invalidated.

Frankfurt, 08.05.2017



H. Anders  
Responsible inspector



Dipl.-Ing. T. Zachäus  
Test centre manager

The validity of this test report ends on 20.04.2022.

The results of the tests refer exclusively to the test item designated above.

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