

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2007+A1:2009

Sponsor: *Sercons, Derbenevskaya embankment 11, Office 60,
115114, Moscow, Russia*

Manufacturer: *Saros Design Spanndecken Vertriebs GmbH,
10 Jusiweg, 73734 Esslingen, Germany*

Prepared by: *„Center for Testing and European Certification“ LTD
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Notified body №: *1871*

Product name: *Stretched Ceilings Saros Design*

Classification report №: *1871-CPR-RtF-089*

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1 Introduction

This classification report defines the classification assigned to *Stretched Ceilings Saros Design*, in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The products, *Stretched Ceilings Saros Design*, are defined as stretched ceilings made up of single layer sheets, coated with lacquer film for use for covering the ceilings inside the buildings in accordance with EN 14716. The *Stretched Ceilings Saros Design* are produced in rolls with the width 2.0 – 5.0 m in Saros Design Spanndecken Vertriebs GmbH, 10 Jusiweg, 73734 Esslingen, Germany and Hongkong Shankuen Industrial Company Limited, 2nd floor, Culture Industry Park, No 69 of Guangpu West Road, Tianhe District, Guangzhou City

2.2 Product description

The products, *Stretched Ceilings Saros Design* are produced Hongkong Shankuen Industrial Company Limited, 2nd floor, Culture Industry Park, No 69 of Guangpu West Road, Tianhe District, Guangzhou City and are described in the test reports below provided in support of classification listed in clause 3.1.

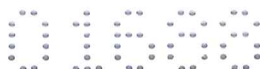
Product description:

The products "Stretched Ceilings Saros Design" are made of single layer PVC sheets with lacquer film of surface, by welding of a harpoon; density – 244 g/m²; thickness – 0.18 mm.

3 Test reports and test results in support of classification .

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports	Test method / extended application rules & date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Sercons, Russia	1420417/18.03.2015	EN ISO 11925-2:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Sercons, Russia	1420416/18.03.2015	EN 13823:2010



3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
EN ISO 11925-2:2010 (30s exposure surface)	F _s	6	Nil	Compliant
	flaming droplets/particles		None	
EN 13823:2010	FIGRA _{0.2MJ}	3	10.0	Compliant
	LFS		(-)	
	THR _{600s}		0.9	Compliant
	SMOGRA		33.8	
	TSP _{600s}		29.7	
	flaming droplets/particles		None	Compliant

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

4.2 Classification

The product, *Stretched Ceilings Saros Design*, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

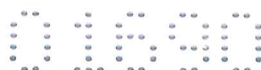
s2

The additional classification in relation to flaming droplets / particles is:

d0

The format of the reaction to fire classification for construction products excluding floorings and products for thermal insulation of pipes is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	2	,	d	0



Reaction to fire classification: *B – s2, d0***4.3 Field of application**

This classification is valid for the following end use conditions:

- Without substrate, or
- With substrate classified A2 and a minimum air gap of 40mm
- Kept under tension at its edges by a fastening system applying a minimum tensile force of 30 daN/m to the film

This classification is valid for the following product parameters:

- PVC sheet with the same composition as the product under test
- Mass per unit area: 244 g/m²
- Thickness of the PVC sheet: 0.18 mm
- Various colors

5 Limitations

This classification document does not represent type approval or certification of the product.

The classification assigned to the product in this report is appropriate to a declaration of performance by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Regulation (EU) No 305/2011.

The manufacturer has made a declaration, which is held on file. This confirms that the product's design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is claimed to be relevant to the samples tested and that will provide for their traceability

SIGNED:

Katya Boycheva
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APPROVED:


Hristina Angelova
Head of laboratory
on behalf of:
CTEC LTD

