



CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2007

Sponsor: *GEING Krebs und Kiefer International & others Ltd.
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Notified body №: *1871*

Product name: *Thermoluxx ultra / Termostop ultra*

Classification report No: *1871-CPR-RtF-341*

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1 Introduction

This classification report defines the classification assigned to *Thermoluxx ultra / Termostop ultra*, in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The product, *Thermoluxx ultra / Termostop ultra*, is defined as factory-made plaster in accordance with EN 15824. The product is manufactured in Thermoluxx Swiss AG, Grütstrasse 14b, 4562 Biberist/Solothurn, Schweiz and Metalotahnika doo, str.Marksova No 23, Prilep, North Macedonia.

2.2 Product description

The product, *Thermoluxx ultra / Termostop ultra* is described below and in the test report provided in support of classification listed in clause 3.1.

Product description:

The product Thermoluxx ultra / Termostop ultra is produced in paste form with a density of 800-850 kg / m³ comprising: inorganic and organic adhesives, mineral fillers, pigments and microspheres. Organic matter content: 4-5 %

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	GEING Krebs und Kiefer International & others Ltd. North Macedonia	1420365/15.04.2019	BDS EN 13823:2010+A1:2015
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	GEING Krebs und Kiefer International & others Ltd. North Macedonia	1420366/16.04.2019	BDS EN ISO 1716:2010



3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN 13823:2010	FIGRA _{0.2MJ} LFS THR _{600s}	3	0.0 (-) 0.2	Compliant
	SMOGRA TSP _{600s}		0.0 21.4	Compliant
	flaming droplets/particles		None	Compliant
EN ISO 1716:2010	Q _{PCS}	3	1.21	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, *Thermoluxx ultra* / *Termostop ultra*, in relation to its reaction to fire behavior is classified:

A2

The additional classification in relation to smoke production is:

s1

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	
A2	-	s	1	,	d	0

Reaction to fire classification: A2 – s1, d0

4.3 Field of application

This classification is valid for the following end use applications:

Waterproof Plaster is used to cover the exterior and interior walls, columns, partitions, ceilings and laying on thermal insulation systems.

This classification is also valid for the following product specifications:

Density - 800-850 kg / m³.

Organic matter content: ≤ 5 %

Composition of components - not allowed amendment

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:

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APPROVED:

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on behalf of: **CTEC LTD**

