



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: *"Phonica Plaster Ltd" Volzhskaya street 24, rural locality Syukeyevo,
Kamso-Ustinsky district, Russian Federation*

Prepared by: *„Center for Testing and European Certification” LTD
2 Industrialna Street, Stara Zagora Bulgaria*

Notified body №: 1871

Product name: *Moisture and fire resistant gypsum plasterboards Aksolit type HF*

Classification report №: 1871-CPR-RtF-153

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This classification report consists of four pages and may only be used or reproduced in its entirety.



1 Introduction

This classification report defines the classification assigned to *Moisture and fire resistant gypsum plasterboards Aksolit type HF*, in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The product, *Moisture and fire resistant gypsum plasterboards Aksolit type HF*, is defined as gypsum plasterboards intended to be used in building construction works in line with EN 520:2004+A1:2009. The product is manufactured by "Phonica Plaster Ltd" Volzhskaya street 24, rural locality Syukeyevo, Kamso-Ustinsky district, Russian Federation.

2.2 Product description

The product, *Moisture and fire resistant gypsum plasterboards Aksolit type HF* is described below and in the test reports provided in support of classification listed in clause 3.1.

Product description:

Moisture and fire resistant gypsum plasterboards Aksolit type HF is composed of gypsum core, plasticizer, accelerator, starch encased and sealed tightly for a healthy sustainable layer of paper to form flat rectangular plates with a density of 8.6 kg/m² and a thickness of 12,5 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	1421335/14.06.2016	EN ISO 1716:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Sercons, Russia	1421334/14.06.2016	EN 13823:2010+A1:2015



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:

Moisture and fire resistant gypsum plasterboards Aksolit type HF can be used in building construction works.

Mounting and fixing test according to EN 13823 test (SBI) was performed according to Annex C of EN 520 + A1. The boards were mechanically fixed to a metal sub-structure by screws. All joints between adjoining boards were butted and unfilled. Behind the gypsum boards had a 40 mm air gap.

This classification is valid for the following product parameters:

Density: 8.6 kg/m³

Thickness: 12.5 mm minimum

Color: no requirement

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 conformity by the manufacturer within the context of system 3 attestation of conformity and CE marking under the Construction Products Directive.

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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Katya Boycheva
Specialist testing and quality

APPROVED:

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Hristina Angelova
Head of laboratory
on behalf of: **CTEC LTD**



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3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
EN 13823:2010 +A1:2015	FIGRA _{0.2MJ} LFS THR _{600s}	3	1.1 (-) 0.6	Compliant
	SMOGRA TSP _{600s}		0.0 12.4	Compliant
	flaming droplets/particles		None	Compliant
EN ISO 1716:2010	Q _{PCS}	3	-0.08	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, *Moisture and fire resistant gypsum plasterboards Aksolit type HF*, in relation to its reaction to fire behaviour is classified:

A2

The additional classification in relation to smoke production is:

s1

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

d0



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