



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

Sponsor: *Isonem Boya ve Yalitim Teknolojileri Inş.San.Tic A.Ş /
ITOBOSB. 10001Sok. № 20 Tekeli, Menderes, Izmir- Turkey*

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

Product name: *Isonem Anti- Fire Solution*

Classification report №: *1871-CPR-RtF-329*

Issue number: *01*

Date of issue: *10.01.2019*

This classification report consists of 4 pages and may only be used or reproduced in its entirety.



1 Introduction

This classification report defines the classification assigned to *Isonem Anti- Fire Solution* in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The product, *Isonem Anti- Fire Solution* is defined as an anti-fire liquid. The product is manufactured from Isonem Boya ve Yalitim Teknolojileri İnş.San.Tic A.Ş Turkey

2.2 Product description

The product, *Isonem Anti- Fire Solution* is described below and in the test reports provided in support of classification listed in clause 3.1.

Product description:

The producer of the product Isonem Anti- Fire Solution declare that the product is made from % 100 natural materials, with no hazards to human health, with no risks for environmental safety, which is 100% soluble in nature and which contains no banned materials in its composition. The tested samples were preparing by immersion of calcium silicate plates (with density 870kg/m³ and class of reaction to fire A2-s1, d0) with the Isonem Anti- Fire Solution for 24h.

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	Isonem Boya ve Yalitim Teknolojileri İnş.San.Tic A.Ş Turkey	1421255/09.01.2019	BDS EN ISO 1716:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Isonem Boya ve Yalitim Teknolojileri İnş.San.Tic A.Ş Turkey	1421254/09.01.2019	BDS EN ISO 1182:2010



3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
BDS EN ISO 1716:2010	Q _{PCS}	3	0.29	Compliant
BDS EN ISO 1182:2010	ΔT	5	1.7	Compliant
	Δm		33.6	Compliant
	t _r		0	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, *Isonem Anti- Fire Solution*, in relation to its reaction to fire behaviour is classified:

A1

Reaction to fire classification: A1

**4.3 Field of application**

This classification is valid for the following end use applications:

- On standard substrates of classes A1 and A2-s1, d0

This classification is valid for the following product parameters:

- Content: without changes



5. Limitations

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

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**

