

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2018

- Sponsor:** Limited Liability Company "TSU RUS", 119333, Moscow,
Leninsky ave, building 52, area II, room 15 of. 2, Russia
- Manufacturer:** Institute of Technical Chemistry of Ural Branch of the RAS 613013,
Russian Federation, Perm, Academician Korolev St., 3
- Prepared by:** „Center for Testing and European Certification” LTD
2 Industrialna Street, Stara Zagora Bulgaria
- Notified body №:** 1871
- Product name:** Cement based Crystalline Waterproofing System HYDROISOL-ITH
- Classification report №:** 1871-CPR-RtF-434
- Issue number:** 01
- Date of issue:** 15.02.2021

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1 Introduction

This classification report defines the classification assigned to the product Cement based Crystalline Waterproofing System HYDROISOL-ITH, in accordance with the procedure given in EN 13501-1:2018

2 Details of classified product

2.1 General

The product, Cement based Crystalline Waterproofing System HYDROISOL-ITH, is defined as factory-made product to be used for surface protection of concrete in accordance with EN 1504-2:2004. The product is manufactured in Institute of Technical Chemistry of Ural Branch of the RAS 613013, Russian Federation, Perm, Academician Korolev St., 3

2.2 Product description

The product, Cement based Crystalline Waterproofing System HYDROISOL-ITH is described below or described in the report provided in support of classification listed in clause 3.1.

Product description:

Cement based Crystalline Waterproofing System HYDROISOL-ITH is a dry mix based on cement, quartz sand of a certain granulometric composition and active chemical components. The product is with a density of $1300 \pm 150 \text{ kg/m}^3$ and a consumption of $0.8\text{-}1.3 \text{ kg/m}^2$

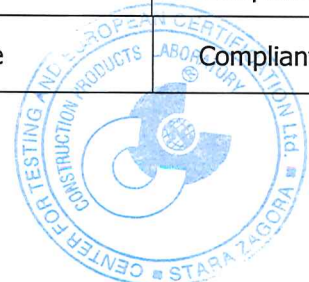
3 Reports and results in support of this classification.

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref.no.	Test method and date Field of application rules and date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Limited Liability Company "TSU RUS", Russia	1423035/12.02.2021	BDS EN ISO 11925-2:2020

3.2 Results

Test method and test number	Parameter	No. tests	Results	Compliance with parameters
			Continuous parameter - mean (m)	
BDS EN ISO 11925- 2:2020 (30 s exposure – on the surface)	F _s	6	Nil	Compliant
	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 13501-1:2018

4.2 Classification

The product, Cement based Crystalline Waterproofing System HYDROISOL-ITH, in relation to its reaction to fire behaviour is classified:

E

Reaction to fire classification: E

4.3 Field of application

This classification is valid for the following end use applications:

Cement based Crystalline Waterproofing System HYDROISOL-ITH is used as a floor covering for domestic and commercial levels of use.

This classification is also valid for the following product parameters:

Density: 1300±150 kg/m³

Consumption: 0.8-1.3 kg/m²

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 conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.



The manufacturer has made a declaration, which is held on file. This confirms that the products 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, supplied by the manufacturer, to provide for traceability of the samples tested.

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**

