

The Building Test Centre

Fire Acoustics Structures

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Report Number **BTC 18177FC**

CLASSIFICATION OF REACTION TO FIRE
PERFORMANCE FOR CONTEGO HS
INTUMESCENT FIRE BARRIER PAINT (HIGH
SOLIDS VERSION), IN ACCORDANCE WITH
BS EN 13501-1:2007+A1:2009.

Report Date: 2nd May 2013

www.btconline.co.uk

Customer: **Contego International, Inc.**
PO Box 684
Westfield
Indiana 46074

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BTC 18177FC (issue 1): Page 1 of 4



No. 0296

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INTRODUCTION

This classification report defines the classification assigned to Contego HS Intumescent Fire Barrier Paint (High Solids Version) in accordance with the procedures given in BS EN 13501-1:2007+A1:2009.

DESCRIPTION

Contego HS Intumescent Fire Barrier Paint (High Solids Version) is a full-bodied latex, single component coating.

Full descriptions of the materials in support of this classification can be found in the test reports listed below.

TEST REPORTS IN SUPPORT OF THIS CLASSIFICATION

Name of Laboratory	Name of Sponsor	Test Report Number	Test Method
The Building Test Centre	JPQ International Consultants Ltd.	BTC 18175F	EN 13823:2010 Single Burning Item
The Building Test Centre	JPQ International Consultants Ltd.	BTC 18176F	EN ISO 11925-2 Small Flame Attack

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BTC 18177FC (issue 1): Page 2 of 4



No. 0296

TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

Test method	Parameter for B Classification	Number of tests	Results	
			Continuous Parameter Mean	Compliance with Parameters
EN 13823:2010 Single Burning Item	FIGRA _{0,2MJ} ≤ 120W/s LFS < edge of specimen THR _{600s} ≤ 7.5MJ	3	35.80 W/s Y 0.943 MJ	Compliant
	SMOGRA (s1) ≤ 30m ² /s ² TSP _{600s} (s1) ≤ 50m ²		0.00 m ² /s ² 26.3 m ²	Compliant
	Flaming droplets/particles		N	Compliant
EN ISO 11925-2 Small Flame Attack	F _s ≤ 150mm within 60s	6	N	Compliant
	Ignition of the filter paper		N	Compliant

CLASSIFICATION

This classification has been carried out in accordance with Clause 11 of BS EN 13501-1:2007+A1:2009.

For the products tested the reaction to fire classification achieved is B.

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 is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	1	,	d	0

i.e. : **B-s1,d0**

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LIMITATIONS

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

REPORT AUTHORISATION

Report	Name	Signature	Date
Prepared By	Paul Davies MEng. (Hons.), Scientist		03/05/2013
Authorised By	Mark Shortland BSc. (Hons.), Scientist		03/05/2013

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BTC 18177FC (issue 1): Page 4 of 4



No. 0296