



**Institute of Ceramics
and Building
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AB 054

Institute of Ceramics and Building Materials is a Notified Body no. 1487

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Test report 50/18/SG/N

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Principal

ALPHA Construction AG
Bahnhofstrasse 21, 6301 Zug, Switzerland

Agreement

43/3L007G18

TEST METHOD:

EN ISO 11925-2:2010 Reaction to fire tests -- Ignitability of products subjected to direct impingement of flame -- Part 2: Single-flame source test

<p>TEST SAMPLE (Data based on a statement Customer))</p>	Manufacturer	ALPHA Construction AG	
	Tested sample	Insulating paint PSC - 250T-HP	
	Sample description	Construction of the test sample: insulating plates	
		Thickness of sample: 2 mm Density of Sample: 0,5 g/cm ³	
		Description of substrate and fixing to the substrate plasterboard	
	Data on the sampling plan	N/A	
	Method of sampling	N/A	
	Date and place of sampling	N/A	
	Sampling by	N/A	
	Date of delivered samples	22.01.2018 (Registration number 53/18/N)	
Details of conditioning	Storage time: 48 h next drying at the solid mass in condition: T (23 ± 2) °C and RH (50 ± 5) %.		
Date of testing	09.02.2018		
Intended use	Thermal insulation in the building industry		

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RESULTS							
No.	Characteristics	Action surface – duration of exposure 30 s					
		Test sample 1	Test sample 2	Test sample 3	Test sample 4	Test sample 5	Test sample 6
1.	Ignition of sample	No	No	No	No	No	No
2.	Range of flame above 150 mm above the point of application of the flame	No	No	No	No	No	No
3.	Time of flame above 150 mm	-	-	-	-	-	-
4.	Flaming droplets and particles which are the cause ignition of the filter paper	No	No	No	No	No	No
No.	Characteristics	Action Surface – flank – duration of exposure 30 s					
		Test sample 1	Test sample 2	Test sample 3	Test sample 4	Test sample 5	Test sample 6
1.	Ignition of sample	No	No	No	No	No	No
2.	Range of flame above 150 mm above the point of application of the flame	No	No	No	No	No	No
3.	Time of flame above 150 mm	-	-	-	-	-	-
4.	Flaming droplets and particles which are the cause ignition of the filter paper	No	No	No	No	No	No
No.	Characteristics	Requirements for class B-s1,d0 by EN 13501-1				Compliance with parameters	
		Range of flame above 150 mm above the point of application of the flame during 15 s		Fs ≤ 150 mm during 60 s		compliant	
2.	Flaming droplets and particles which are the cause ignition of the filter paper	No flaming droplets and particles which are the cause ignition of the filter paper				compliant	
Visual observations							
Carbonization of tested samples during surface-flank action							
Comments: -							
The test results are average value. The results apply to test sample, only. Without written agreement of laboratory the test report can be copy entirely only.							
Kraków, 16.02.2018							

Verification



Signature of entitled person

Z-ca Kierownika Zakład
Gipsu i Chemii Budowlanej

mgr inż. Michał Wieczorek