



EUROLAB LABORATORY SERVICES

TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.



Overall Rating:

Class B1

Report No:

2020022102

Applicant:

ADO - Goldkante GmbH Co. KG

Applicant Address:

Zimmersmühlenweg 14-18 61440 Oberursel

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Sample ID:

SCRAT 3443

	TEST	METHOD	RESULT
	Fire behaviour of building materials and elements Part 1: Classification of building materials Requirements and testing		PASS
*		DIN 4102	B1



Seal

Customer Representative Hasan KUTLU







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Environment

The requirements and standards apply to equipment intended for use in,

Х	Residential (domestic) environment	
Х	Commercial and light-industrial environment	
х	Industrial environment	
Х	Medical environment	



PR33-F01/08.10.2015/Rev:17.01.2017-R01





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		esults of the Numune test (part 1)		
row- no.	Foil-type:	measurements test specimen Sample		
		B1		
1	No. of test specimen arrangement according to DIN 4102, part 15 , table 1	-		
2	Max. flame height above bottom edge cm	5		
	Time 1) min: s	1:02		
4	Melt through / burn through Time ¹⁾ min:s			
5	Observations on the backside of the specimens Flames/smouldering Time 1) min : s			
6	Discolouration Time 1) min : s	10:25		
	Burning droplets	20.23		
7	Start 1) min : s			
8	Extent			
9	sporadic burning droplets			
(8)	continually falling particles			
10	Falling particles which burns Start 1) min : s	1:32		
11	sporadic falling parts	x		
12	continually falling particles	-		
13	Duration of the burning on the screen bottom (max.) min : s	-		
	Interference of the burner flame by			
14	dripping /falling particles Time 1) min : s			
15	Early termination of the test End of burning at the specimen 1)			
	min:s			
16	Time of early cancellation of the test 1) min : s			

1) Time counting from the start of the test







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		esults of the Numu	ne (part	2)	
row-		г	neasuren	nents	
no.		test specimen			3
		B1	.		
	Continuous burning after termination of the test				
17	Duration min : s				
18	Number of specimens				
19	Front side of the specimen				
20	Back side of the specimen	2.25			
21	Flame length cm				
	Smouldering after termination of the test				
22	Duration min : s				
23	Number of specimens				
	Location				
24	Lower half of the specimens				
25	Upper half of the specimens	-1			
26	Front side of the specimen	(##)			
27	Backside of the specimen				
	Smoke development				
28	≤ 400 % x min	224	1		
29	> 400 % x min				
30	Diagram in appendix				
	Residual lengths	12	11		
31	Single values cm	14	11		
32					
33	Average values cm	12			
33	Photo of the specimen on page				
8845	Smoke temperature				
34	Maximum value of the averaged values ^o C	119	G.		
35	Time 1) min : s	11:2	22		
36	Diagram in appendix Nr.	F-1			







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Results of the B2-testing according to DIN 4102-01 (Tests with flaming the edge)

Assessment

- According to the results, the product as tested in the described arrangement also fulfils the requirements of building products according to Baustoffklasse B1. In consequence the product can be classified as

Baustoffklasse B1 (schwerentflammbare Baustoffe)

according to DIN 4102 part 1 (Mai 1998). This assessment is only valid, if the foils are glued on steel. The surface of the self-adhesive foils may be printed, but not be covered with paints, coatings or similar products. The resistance of the fire behaviour against climatic influences in the outside was not proofed. Therefore the product may be used as schwerentflammbar only inside of buildings or in oth- erwise weather protected areas.

- The material does not produce burning droplets / particles.

Marking

The above mentioned material has to be marked as following:

- "Only schwerentflammbar (class DIN 4102-B1)"

The marking shall be done on the material, on an enclosed paper or on the packaging or, if this would be too difficult, on the delivery-note or on an enclosure to the delivery-note.

This test certificate is solely valid in combination with the original test certificate issued in German language and dated of 14.12.2018. In case of doubt, the certificate issued in German language is valid solely.





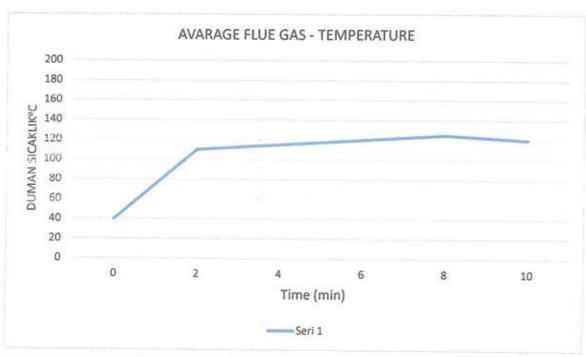


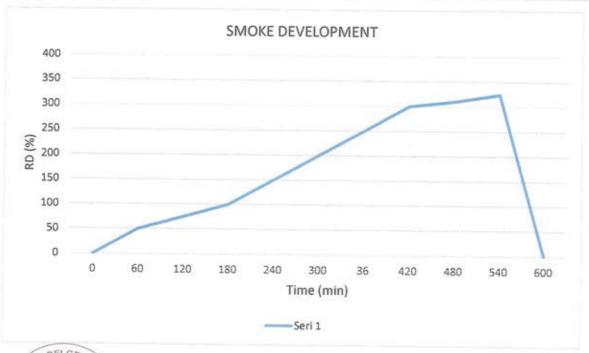
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Max. flue gas-temperature = 119 °C

at [min:s] 09: 22

Smoke-development [% x min]: 224







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