

TEST REPORT**416386 / 1**

Revision: 0
Date of sample receipt: 27/07/26
Date of test: 17/08/26
Date of issue: 15/09/26
Sample name: Art.Lift col.Black

GABRIEL A/S
HJULMAGERVEJ, 55
9100 AALBORG
DK - DENMARK

Reaction to fire**Tests ordered**

- 1) "Combustible products which can be hit by flame on one surface - Reaction to fire by applying a small flame" (UNI 8457:2010).
- 2) "Reaction to fire of products which can be hit by flame with radiant heating" (UNI 9174:2010).

Description and end use of sample as declared by the client

Description: art.Lift col.Black.

Anisotropic material with different sides.

End use: mesh.

Deviations from the standard as requested by the client

None.

Preliminaries

Sampling procedure and cutting direction of the specimens: performed by the client.

Material preparation (UNI 9176:2010 "Preparation of materials for verification of reaction to fire requirements"): method D.

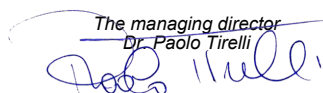
Conditioning: drying procedure for a minimum of 24 hours in a oven with forced air circulation at 40 ± 5 °C following a minimum of 48 hours at 23 ± 2 °C and 50 ± 5 % relative humidity.

Test results

Based on standard UNI 9177:2008 "Reaction to fire classification of combustible products", the sample examined complies with class 1 (ONE).

This test report is not issued according to articles 8 and 10 of D.M. 26-06-1984 amended by D.M. 03-09-2001.

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The managing director
Dr. Paolo Tirelli


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Small flame on one surface UNI 8457:2010

Specimen preparation: without backing board

Contact time of pilot flame: 30 s

Test results:

Specimen n°	Afterflame time				Afterglow time				Damaged length				Dripping				Cotton thread breakage	
	1th series		2nd series		1th series		2nd series		1th series		2nd series		1th series		2nd series		1th ser.	2nd ser.
	s	lev.	s	lev.	s	lev.	s	lev.	mm	lev.	mm	lev.	Obser.	lev.	Obser.	lev.	Obser.	Obser.
1	3	1			0	1			70	1			absent	1			no	
2	0	1			0	1			65	1			absent	1			no	
3	0	1			0	1			70	1			absent	1			no	
4	1	1			0	1			65	1			absent	1			no	
5	0	1			0	1			70	1			absent	1			no	
6	0	1			0	1			70	1			absent	1			no	
7	5	1			0	1			70	1			absent	1			no	
8	0	1			0	1			65	1			absent	1			no	
9	10	2			0	1			70	1			absent	1			no	
10	0	1			0	1			65	1			absent	1			no	
Level	1				1				1				1					
Multiplic. factor	2				1				2				1					
Partial total	2				1				2				1					

Observations and/or special phenomena: front side tested.

Specimens n° 1 - 2 - 3 - 4 and 5 have been obtained along the longitudinal direction.

Specimens n° 6 - 7 - 8 - 9 and 10 have been obtained along the transversal direction.

TOTAL

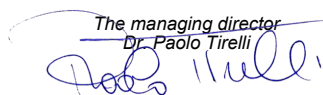
6

RATING

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Small flame on one surface UNI 8457:2010

Specimen preparation: without backing board

Contact time of pilot flame: 30 s

Test results:

Specimen n°	Afterflame time				Afterglow time				Damaged length				Dripping				Cotton thread breakage	
	1th series		2nd series		1th series		2nd series		1th series		2nd series		1th series		2nd series		1th ser.	2nd ser.
	s	lev.	s	lev.	s	lev.	s	lev.	mm	lev.	mm	lev.	Obser.	lev.	Obser.	lev.	Obser.	Obser.
1	0	1			0	1			65	1			absent	1			no	
2	3	1			0	1			65	1			absent	1			no	
3	0	1			0	1			65	1			absent	1			no	
4	0	1			0	1			70	1			absent	1			no	
5	0	1			0	1			65	1			absent	1			no	
6	16	2			0	1			70	1			absent	1			no	
7	0	1			0	1			65	1			absent	1			no	
8	11	2			0	1			70	1			absent	1			no	
9	13	2			0	1			70	1			absent	1			no	
10	42	2			0	1			70	1			absent	1			no	
Level	2				1				1				1					
Multiplic. factor	2				1				2				1					
Partial total	4				1				2				1					

Observations and/or special phenomena: back side tested.

Specimens n° 1 - 2 - 3 - 4 and 5 have been obtained along the longitudinal direction.

Specimens n° 6 - 7 - 8 - 9 and 10 have been obtained along the transversal direction.

TOTAL

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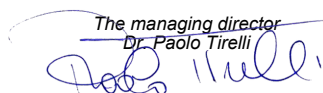
Radiant panel UNI 9174:2010

Test results:

Specimen setting: wall without backing board		Time in seconds of arrival at each given position of the flame front along the exposed surface								
Specimen n°		1th series longitudinal direction			2nd series transversal direction			L E V E L	M U L T I P L. F A C T O R	P A R T I A L F A C T O R
		1	2	3	1	2	3			
Distance of marked lines from the nearest position to the radiant panel, in mm	100	-	32	-	37	31	-			
	150									
	200									
	250									
	300									
	350									
	400									
	450									
	500									
	550									
	600									
	650									
	700									
	750									
	800									
Average flame spread rate, mm/min		0,0	0,0	0,0	0,0	0,0	0,0			
Level		1	1	1	1	1	1	1	2	2
Damaged length, mm		< 100	100	< 100	100	100	< 100			
Level		1	1	1	1	1	1	1	2	2
Afterglow time, s		0	0	0	0	0	0			
Level		1	1	1	1	1	1	1	1	1
Dripping		exting.	exting.	exting.	exting.	exting.	exting.			
Level		1	1	1	1	1	1	1	1	1
Observations: front side tested.										6
TOTAL RATING										1

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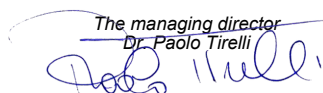
Radiant panel UNI 9174:2010

Test results:

Specimen setting: wall without backing board		Time in seconds of arrival at each given position of the flame front along the exposed surface								
Specimen n°		1th series longitudinal direction			2nd series transversal direction			L E V E L	M U L T I P L. F A C T O R	P A R T I A L F A C T O R
		1	2	3	1	2	3			
Distance of marked lines from the nearest position to the radiant panel, in mm	100	35	-	-	-	33	-			
	150									
	200									
	250									
	300									
	350									
	400									
	450									
	500									
	550									
	600									
	650									
	700									
	750									
	800									
Average flame spread rate, mm/min		0,0	0,0	0,0	0,0	0,0	0,0			
Level		1	1	1	1	1	1	1	2	2
Damaged length, mm		100	< 100	< 100	< 100	100	< 100			
Level		1	1	1	1	1	1	1	2	2
Afterglow time, s		0	0	0	0	0	0			
Level		1	1	1	1	1	1	1	1	1
Dripping		exting.	exting.	exting.	exting.	exting.	exting.			
Level		1	1	1	1	1	1	1	1	1
Observations: back side tested.										6
TOTAL RATING										1

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