

תעודת סיווג מס' 7413214201
בהתאם לסעיף 12 לחוק התקנים תשי"ג - 1953

פרטי ההזמנה

שם המזמין : גולד פירזול

מענו : שד' ההסתדרות מפרץ חיפה 0026118

תאריך ההזמנה : 02/07/2024

תאור המוצר

מערכת מעכבת בעירה אקרילית שקופה במגוון הגהות מ-10° ועד 40° מיושמת על MDF מעכב בעירה בעובי 15 מ"מ וצפיפות 710 ק"ג/מ"ק בשם מסחרי פריימר NFC14998 וצבע NAC14997 תוצרת INDUSTRIAS QUIMICAS NOVALK, S.L. ספרד.

פרטי הנטילה

הדוגמה ניטלה בתאריך : 22/07/2024

הדוגמה נבחרה ע"י בא כוח : המזמין

מקום הנטילה : אין מידע

מהות הבדיקה

סיווג המוצר בשרפה לפי תקן ישראלי ת"י 755 " סיווג בשרפה של מוצרי בנייה ואלמנטי בניין – שיטות בדיקה וסיווג לפי תוצאות הבדיקה " (יולי 2013) זהה לתקן אירופי EN 13501-1:2007.

תוצאות הבדיקה במסמך זה
מתייחסות רק לפריט שנבדק

מסמך זה מכיל דף אחד ונספח של 6 דפים ואין להשתמש בו אלא במלואו

סיכום

על בסיס תעודת סיווג מס' 255128ENG מתאריך 02.11.2023 של מעבדה ENSATEC (ספרד) המצורפת בזאת, מערכת מעכבת בעירה אקרילית שקופה במגוון הגהות מ-10° ועד 40° מיושמת על MDF מעכב בעירה בעובי 15 מ"מ וצפיפות 710 ק"ג/מ"ק בשם מסחרי פריימר NFC14998 וצבע NAC14997 תוצרת INDUSTRIAS QUIMICAS NOVALK, S.L. (ספרד) כמפורט בתיאור המוצר, סווגה לפי תגובתה בשרפה B-s1, d0. הסיווג תקף עבור המוצר בהתאם לסעיף 1 שבתעודה המצורפת המיושם על כל מצע מעץ המסווג B-s1, d0 בכמות הכוללת 150 גר' מ"ר המותקן בקירות ובתקרות (למעט רצפה). (פרטים ראה בגוף התעודה)

מסמך זה אינו היתר לסימון המוצר בתו תקן

שם החותם : דודו וארנס
תפקידו : ראש ענף חלונות מערכות מיגון
ובטיחות אש

שם החותם : גנאדי ברלין
תפקידו : מהנדס בכיר

תאריך : 23/07/2024



CLASSIFICATION REPORT

REPORT NR:	255128ENG	PROJECT Nr:	PY22-0110	Ref Nr:	MV74371
DATE OF ISSUE:	02/11/2023				
ACCREDITED BODY	Test laboratory accredited by ENAC with accreditation No. 288 LE / 634				
TEST SPECIMEN ¹	Type:	Clear flame retardant acrylic primer + clear flame retardant acrylic top coat			
	Reference:	PRIMER NFC14998 TOP COAT NAC14997			
STANDARD	UNE-EN 13501-1:2019. Fire classification of construction product and buildings elements. Part 1: Classification using data from reaction to fire test.				
APPLICANT	INDUSTRIAS QUÍMICAS NOVALK, S.L. C/ HUESCA 5 14900 LUCENA (CÓRDOBA)				
DATE/S OF TEST	Start:	18/03/2022			
	End:	20/04/2022			
CLASSIFICATION	B-s1, d0				

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Department Director

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Decision rule: To give classification, a binary decision rule (pass-fail) will be used with simple acceptance criteria with a specific risk lower than 50% False Probability (PFA)

The information provided by the client is marked in the report. ENSATEC, S.L.U. declines all responsibility for this information.

(1) Information provided by the client.



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1 SAMPLE CHARACTERISTICS

1.1 Tested sample description

A description of the sample is presented in the following tables, the information provided by the client is shown as marked.

TEST SAMPLE ¹	Type:	Clear flame-retardant acrylic primer + clear flame retardant acrylic top coat
	Reference:	PRIMER NFC14998 TOP COAT NAC14997

Cara vista (expuesta al fuego) ¹	
Composition:	Acrylic nature
Mass per square metre (kg/m ²):	150 g/m ² (primer + top coat)
Colour and appearance:	Transparent RANGE OF GLOSSES

The field of application of the fire classification according to UNE EN 13501-1 can be valid for products within the same family, if the family is defined as a range of products within the defined limits of variability of its parameters, for which the reaction to fire classification is shown to be unchanged.

The aim is to classify a range of products where a selection is made on the basis of the different parameters included in the range. According to the customer's information, the range to be tested basically consists of different degrees of gloss with different degrees of tinting, but with the same formulation. The references provided by the customer are:

- NAC14997-10: Clear acrylic flame retardant topcoat 10° gloss
- NAC14997-30: Clear acrylic flame retardant topcoat 30° gloss
- NAC14997-40: Clear acrylic flame retardant topcoat 40° gloss

The application of the product is carried out by ENSATEC, applying the 2 components with a total weight of 160 g/m², by means of the following process:

Primer:

- NFC14998 Clear acrylic flame retardant primer (100 cc)
- NC911 AC catalyst (10 cc)
- ND4200 Polyurethane solvent X (15 cc)

Top Coat:

- - NAC14997-xx Clear acrylic flame retardant topcoat (different gloss grades) (100 cc)
- - NC911 AC catalyst (10 cc)
- - ND4200 polyurethane solvent X (15 cc)



Support characteristics ⁽¹⁾	
Nature of the support:	Fireproof MDF/ Fireproof MDF + Fireproof glue + ash veneer
Thickness:	15 mm
Density:	710 Kg/m ³
Sample fixing system:	Product applied on 15 mm thick fireproof MDF substrate or applied on 15mm thick fireproof mdf with fireproof glue and ash veneer.
Assembly for EN 13823 (SBI):	Supported without rear air chamber

(1) Information provided by the client.

1.2 Pre-conditioning

The sample is conditioned in a chamber at 23°C ± 2°C y 50% ± 5%HR, for a period of 2 days, from 16/03/2022 to 18/03/2022, until constant mass is obtained.

2 TEST REPORTS TO SUPPORT OF THIS CLASSIFICATION

Laboratory	Applicant	Test Report No.	Test Method
ENSATEC	INDUSTRIAS QUÍMICAS NOVALK, S.L.	255127	UNE 13823:2021+A1:2023
ENSATEC	INDUSTRIAS QUÍMICAS NOVALK, S.L.	255127	UNE EN ISO 11925-2:2021

3 TEST RESULT TO SUPPORT THE CLASSIFICATION

Test Method	Gloss Degree	No. of Test	Classification criteria	Average value	Complies
UNE-EN 13823 (SBI)	10°	1	FIGRA _{0.2MJ} (w/s)	99,66	yes
			THR _{600s} (MJ)	4,04	yes
			SMOGR _A (m ² /s ²) ⁽¹⁾	1,68	yes
			TSP _{600s} (m ²) ⁽¹⁾	42,24	yes
			LFS (S/N)	No	yes
			Gotas/partículas en llama (S/N) ⁽²⁾	No	yes



Test Method	Gloss Degree	No. of Test	Classification criteria	Average value	Complies
UNE-EN 13823 (SBI)	30°	1	FIGRA _{0.2MJ} (w/s)	93,64	yes
			THR _{600s} (MJ)	4,39	yes
			SMOGRA (m ² /s ²) ⁽¹⁾	1,46	yes
			TSP _{600s} (m ²) ⁽¹⁾	33,54	yes
			LFS (S/N)	No	yes
			Gotas/partículas en llama (S/N) ⁽²⁾	No	yes
UNE-EN 13823 (SBI)	40°	3	FIGRA _{0.2MJ} (w/s)	92,57	yes
			THR _{600s} (MJ)	3,87	yes
			SMOGRA (m ² /s ²) ⁽¹⁾	4,72	yes
			TSP _{600s} (m ²) ⁽¹⁾	39,17	yes
			LFS (S/N)	No	yes
			Gotas/partículas en llama (S/N) ⁽²⁾	No	yes
UNE-EN ISO 11925-2 (Surface application)	40°	6	Fs ≤ 150mm en 60s	Si	Si
			Ignición del papel de filtro	No	Si

⁽¹⁾ s1 = SMOGRA ≤ 30 m²/s² and TSP_{600s} ≤ 50 m²; s2 = SMOGRA ≤ 180 m²/s² y TSP_{600s} ≤ 200 m²; s3 = neither s1 nor s2

⁽²⁾ d0 = No droplet falls and flaming particles in UNE-EN 13823 (SBI) in 600 s; d1 = No droplet falls and flaming particles for more than 10s in UNE-EN 13823 (SBI) in 600s; d2 = neither d0 nor d1



4 CLASSIFICATION AND DIRECT FIELD OF APPLICATION

4.1 Classification

Therefore, in accordance with the UNE-EN 13501-1:2019 standard and in view of the test results and the classification criteria, the sample, described in this report, corresponding to **PRIMER NFC14988 TOP COAT NAC14997**, obtains the following classification:

Behaviour to fire		Smoke production		Droplets in flame
B	-	s1	,	d0

4.2 Direct application field

This classification is valid for the characteristics, gloss level * and for the preparation method described in section 1 of this report.

The classification obtained is valid provided that the product is applied under the following conditions:

- With construction product for covering walls and ceilings except floors.
- With a total grammage (substrate + finish) of 150 g/m².
- On any wood substrate with a reaction to fire classification B-s1, d0 or higher.

(*) The classification of the brightness range is outside the scope of accreditation.

5 LIMITATIONS

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

The duration of the validity of this classification report is subject to the legislation in force at the time of its issuance.