

## CLASSIFICATION REPORT

SUBJECT Nº/REPORT: P-20-22470/2/I

COMPANY: **INDUSTRIAS JUNO, S.A**

ADDRESS: Barrio Saconi, 10  
48950 Erandio (BIZKAIA)

PRODUCT NAME: DYNAPOK AL AGUA 2/C

Nº OF PAGES

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(INCLUDING THIS COVER SHEET)

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This test report is a translation of the original P-20-22470/2 in Spanish. In case any conflict arises, the Spanish version will prevail.

ENAC is a signatory to the Multilateral Agreement (MLA), MRA Mutual Recognition Agreement) of the European Cooperation for Accreditation (EA) and the International Laboratory Accreditation Cooperation (ILAC), in testing.



A. Matellanes  
E & C Coordination  
Zamudio, 6<sup>th</sup> August 2020

## 1. INTRODUCTION

This classification report defines the classification of the product **DYNAPOK AL AGUA 2/C** in accordance with the procedures collected in EN 13501-1:2018 standard.

**Sponsor:**

(Name and address)

**INDUSTRIAS JUNO, S.A**

Barrio Saconi, 10

48950 Erandio (BIZKAIA)

Contact: Luis Gil Medina

**Prepared by:**

GAIKER

Parque Tecnológico de Bizkaia Edif. 202

E-48170 ZAMUDIO

**Product name:**

**DYNAPOK AL AGUA 2/C**

**Classification report number:**

P-20-22470/2/I

**Distribution number:**

01-P-20-22470/2/I

**Issue date:**

06<sup>th</sup>.08.2020

## 2. CLASSIFIED PRODUCT DATA

### 2.1 General

The product **DYNAPOK AL AGUA 2/C** is described as a white semi gloss water based epoxi floor finish which has been applied on fibre cement board standard substrate for testing. Finish application has been carried out by test laboratory following indications supplied by test applicant.

## 2.2 Description of the product

The product **DYNAPOK AL AGUA 2/C** is described as follows according to the information supplied by the client:

### Product characteristics:

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Type:                 | 2C water based epoxi finish.                                                                                        |
| Composition:          | Epoxi resin, polyamine, pigments and fillers.                                                                       |
| Color and aspect:     | White and semi gloss.                                                                                               |
| Total amount applied: | 300-320 g/m <sup>2</sup> in two layers 150-160 g/m <sup>2</sup> each<br>(equivalent total thickness of 140 microns) |

### Standard substrate:

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Type:                                | Fibre cement board                 |
| Reaction to fire Euroclassification: | A2-s1, d0 and A2 <sub>fl</sub> -s1 |
| Thickness (mm):                      | 8 ± 2                              |
| Density (kg/m <sup>3</sup> ):        | 1800 ± 200                         |

|                           |              |
|---------------------------|--------------|
| <u>End use condition:</u> | Floor finish |
|---------------------------|--------------|

Test applicant does not supply more information regarding tested product.

### 3. TEST REPORTS AND RESULTS THAT SUPPORT THIS CLASSIFICATION

#### 3.1 Test reports

| Name of the laboratory | Name of the sponsor  | Test report reference number                                                               | Test methods and date<br>Field of application rules and date                                                            |
|------------------------|----------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| GAIKER                 | INDUSTRIAS JUNO, S.A | P-20-22470/1/I<br><br>Test date:<br>28 <sup>th</sup> .07.2020 to 03 <sup>rd</sup> .08.2020 | <u>Test methods</u><br>EN ISO 11925-2:2020<br><br>EN ISO 9239-1:2010<br><u>Application field rules</u><br>EN 13238:2010 |

#### 3.2 Test results

| Test method                                        | Parameter                     | Number of tests  | Continuous parameter mean value (m)     | Parameters to fulfill<br>B <sub>fi</sub> -s1 classification |
|----------------------------------------------------|-------------------------------|------------------|-----------------------------------------|-------------------------------------------------------------|
| EN ISO 9239-1:2010                                 | FCE (kW/m <sup>2</sup> )      | 4 <sup>(1)</sup> | ≥ 11,0 <sup>(3)</sup> kW/m <sup>2</sup> | ≥ 8,0 kW/m <sup>2</sup>                                     |
|                                                    | Smoke generation<br>(% x min) | 4 <sup>(1)</sup> | 5 % x min                               | ≤ 750 % x min                                               |
| EN ISO 11925-2:2020<br>Surface impingement<br>15 s | F <sub>s</sub>                | 6 <sup>(2)</sup> | F <sub>s</sub> ≤ 150 mm<br>within 20 s  | F <sub>s</sub> ≤ 150 mm within 20 s                         |

(1) Tested 3 specimens lengthwise (most unfavorable direction) and one crosswise.

(2) Tested 3 specimens lengthwise and 3 crosswise.

(3) No flame front is generated.

#### 4. CLASSIFICATION AND FIELD OF APPLICATION

##### 4.1 Reference classification

This classification has been carried out in accordance with EN 13501-1:2018 standard.

##### 4.2 Classification

The product **DYNAPOK AL AGUA 2/C** in relation to its behavior to the reaction to fire is classified:

**B<sub>fl</sub>**

The additional classification in relation to smoke production is:

**s1**

| Fire behavior         |   | Smoke production |
|-----------------------|---|------------------|
| <b>B<sub>fl</sub></b> | - | <b>s1</b>        |

**Reaction to fire classification: B<sub>fl</sub>-s1**

#### 4.3 Field of application

This classification is valid for the following product parameters:

- For the product that shows the characteristics collected in the description of the classified product section,
- For the product applied in the quantity that appears in the description of the classified product section: total amount of 300-320 g/m<sup>2</sup> approx. (equivalent to 140 microns) in two layers 150-160 g/m<sup>2</sup> each.
- For the product applied on an A1<sub>fl</sub> or A2<sub>fl-s1</sub> reaction to fire euroclassification substrate (fibre cement board type) showing a density equal to or greater than 1350 kg/m<sup>3</sup>

#### 5. LIMITATIONS

This classification standard does not imply any approval or certification of the product.



Jesús Ballester Maestu  
Maximun Responsible for the test  
Zamudio, 6<sup>th</sup> August 2020

