



# CLASSIFICATION REPORT REACTION TO FIRE OF CONSTRUCTION PRODUCTS

## STANDARD

Classification standard

UNE-EN 13501-1:2019

## REPORT NUMBER:

266266

## APPLICANT

HONEXT MATERIAL S.L.  
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08310 ARGENTONA (BARCELONA)

## DATE

Date of issue

20/04/2026



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# CLASSIFICATION REPORT REACTION TO FIRE FOR CONSTRUCTION PRODUCTS

(Alternative standardized phrasing often used in reports:)  
Classification Report – Reaction to Fire of Construction Products

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|                         |              |                                                                                                                                                                                                 |
|-------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TEST SAMPLE 1           | Description: | Board made from recycled cellulosic fibres derived from industrial cellulosic waste, intended for non-structural applications in interior spaces .such as wall and ceiling cladding             |
|                         | Reference:   | HONEXT ® FR-B                                                                                                                                                                                   |
| CLASSIFICATION STANDARD |              | UNE-EN 13501-1:2019. Classification of the reaction to fire performance of construction products and building elements. Part 1: Classification using data obtained from reaction to fire tests. |
| APPLICANT               |              | HONEXT MATERIAL S.L.<br>PASSEIG MARINA JULIÀ 43<br>08310 ARGENTONA (BARCELONA)                                                                                                                  |
| DATE OF TESTS           | Start:       | 18/03/2026                                                                                                                                                                                      |
|                         | End:         | 17/04/2026                                                                                                                                                                                      |
| CLASSIFICATION          |              | B - s1 , d0                                                                                                                                                                                     |

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<sup>(1)</sup> Information provided by the client

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## 1 SCOPE

This report defines the classification assigned to the product: a board made from recycled cellulosic fibres derived from industrial cellulosic waste, intended for non-structural applications in interior spaces such as wall and ceiling cladding, referenced by the applicant as HONEXT® FR-B, in accordance with the procedures specified in UNE-EN 13501-1:2019.

## 2 DESCRIPTION OF THE CLASSIFIED PRODUCT

In the following tables, a description of the sample is provided; information supplied by the client is identified accordingly.

| Exposed face (fire-exposed surface) 1 |                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Composition:                          | Water-based lasure, Cetol® WF 771. Waterborne coating based on a combination of acrylic and alkyd resins. |
| Thickness (mm):                       | ≈ 0,025                                                                                                   |
| Mass per square metre (kg/m²):        | ≈ 0,18                                                                                                    |
| Colour and appearance:                | Pigmented finish applied to a rough, textured substrate with a light tone and a uniform matte appearance. |

| Inner layers 1                 |                                                                                                                                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Composition:                   | HONEXT® FR-B, board made from recycled cellulosic fibres derived from industrial cellulosic waste (75% ± 10%), calcium carbonate (20% ± 10%) and other additives (5% ± 2%). |
| Thickness (mm):                | 12–13,5 mm                                                                                                                                                                  |
| Mass per square metre (kg/m²): | ≈ 7,5 kg/m²                                                                                                                                                                 |

| Rear face (not exposed to fire) 1 |                                                                                                           |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Composition:                      | Water-based lasure, Cetol® WF 771. Waterborne coating based on a combination of acrylic and alkyd resins. |
| Thickness (mm):                   | ≈ 0,012                                                                                                   |
| Mass per square metre (kg/m²):    | ≈ 0,09                                                                                                    |
| Colour and appearance:            | 0                                                                                                         |

(1) Information provided by the client.

| Characteristics of the substrate and fixing of the sample |                                          |
|-----------------------------------------------------------|------------------------------------------|
| Substrate type:                                           | Calcium silicate                         |
| Standard substrate                                        | yes                                      |
| Thickness:                                                | 11 ± 2 mm                                |
| Density:                                                  | 870 ± 50 Kg/m³                           |
| Sample fixing system:                                     | Directly supported on the backing boards |
| Air cavity:                                               | No cavity                                |
| Adhesive used:                                            | Not required                             |
| Joints:                                                   | No joints                                |

### 2.1 Pre-conditioning

The sample is conditioned in a chamber at 23°C ± 2°C and 50% ± 5% RH until constant mass is achieved.

### 3 REPORTS SUPPORTING THE CLASSIFICATION

| Nº Informe | Laboratory | Applicant            | Test date             | Test method        |
|------------|------------|----------------------|-----------------------|--------------------|
| 266265     | ENSATEC.   | HONEXT MATERIAL S.L. | 18/03/2026-09/04/2026 | UNE-EN 13823       |
| 266265     | ENSATEC.   | HONEXT MATERIAL S.L. | 17/04/2026            | UNE-EN ISO 11925-2 |

### 4 TEST RESULTS SUPPORTING THE CLASSIFICATION

| Test method                                 | Nº of tests | Classification criteria:<br>B-s1,d0               | Mean value | Complies |
|---------------------------------------------|-------------|---------------------------------------------------|------------|----------|
| UNE-EN ISO 11925-2<br>(surface application) | 6           | Fs $\leq$ 150mm en 60s                            | S          | YES      |
|                                             |             | Ignition of the filter paper                      | N          | YES      |
| UNE-EN ISO 11925-2<br>(edge application)    | 6           | Fs $\leq$ 150mm en 60s                            | S          | YES      |
|                                             |             | Ignition of the filter paper                      | N          | YES      |
| UNE-EN 13823<br>(SBI)                       | 3           | FIGRA $_{0.2MJ} \leq 120$ (W/s)                   | 101,28     | YES      |
|                                             |             | THR $_{600S} \leq 7.5$ (MJ)                       | 5,77       | YES      |
|                                             |             | SMOGR $\leq 30$ (m <sup>2</sup> /s <sup>2</sup> ) | 1,12       | YES      |
|                                             |             | TSP $\leq 50$ m <sup>2</sup>                      | 35,35      | YES      |
|                                             |             | LFS (S/N)                                         | No         | YES      |
|                                             |             | Flaming droplets/particles (S/N) <sup>(1)</sup>   | No         | YES      |

<sup>(1)</sup> d0 = No flaming droplets or particles in UNE-EN 13823 (SBI) within 600 s;  
 d1 = No flaming droplets or particles persisting for more than 10 s in UNE-EN 13823 (SBI) within 600 s;  
 d2 = neither d0 nor d1.

## 5 CLASSIFICATION AND DIRECT FIELD OF APPLICATION

### 5.1 Classification

Therefore, in accordance with UNE-EN 13501-1:2019 and based on the test results and classification criteria, the sample described in this report, corresponding to HONEXT® FR-B, is assigned the following classification:

| Reaction to fire performance |   | Smoke production |   | Flaming droplets |
|------------------------------|---|------------------|---|------------------|
| B                            | - | s1               | , | d0               |

### 5.2 Field of application

This classification is valid for end-use application as wall or ceiling cladding, under the mounting conditions defined in the reports listed in Section 3 of this report, and for the geometry, thicknesses, and characteristics specified therein.

The sample does not exhibit directional properties; therefore, this aspect is not considered in the execution of the test.

## 6 LIMITATIONS

This classification document does not constitute a type approval or product certification.

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