

## PAVIMYC HB 2/C

Product Code: 07931/20 Flooring

**100% solids epoxy coating formulated with epoxy resins and pigments providing high chemical resistance and durability.**

### DESCRIPTION

PAVIMYC HB 2/C is a 100% solids epoxy coating formulated based on modified epoxy resins. Allows for multiple systems of continuous coatings to be achieved with one single product. (Smooth, non-slip, multilayer or self-levelling systems).

### USE: INTERIOR

PAVIMYC HB 2/C is recommended as;

- Smooth or non-slip sealing layer on concrete and other cement based substrates.
- Intermediate coating in self-leveling floor systems

Areas of use as flooring in all types of industry, workshops, warehouses, factories, parking etc.

Not recommended for painting surfaces with tar and/or bituminous asphalt coatings.

For more information, see the rest of the sections indicated in this technical sheet.

### PROPERTIES

- Easy application.
- High opacity level.
- Floor surface leveling with low product consumption.
- Very good adhesion properties.
- Excellent chemical and mechanical resistance.
- Excellent hardness
- Protects concrete pavements from erosion.
- Seals and protects concrete pavements against spills of various types of products.
- Facilitates cleaning of any type of surface stains.

### CERTIFICATIONS

- Determination of permeability to carbon dioxide UNE-EN 1062-6:2003
- Determination of permeability to water vapour. Capsule method. UNE-EN ISO 7783:2019
- Determination of permeability to liquid water UNE-EN 1062-3: 2008
- Determination of adhesion by direct traction UNE-EN 1542:2000
- Resistance to strong chemical attacks UNE-EN 13529:2005
- Determination of resistance to abrasion. Taber abrasion test apparatus. UNE-EN ISO 5470-1:2017
- Rapid deformation tests (impact resistance). Rapid-deformation (impact resistance) tests - Part 1: Falling-weight test, large-area indenter UNE-EN ISO 6272-1:2012.
- Material testing methods for continuous screeds. Determination of resistance to bending and compression. UNE-EN 13892-2:2003
- Fire resistant Fireproof B-S1, d0
- CE certificate



# Technical Datasheet

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### PRODUCT DETAILS

<b>Packaging</b>	Component A: 15,2 Kg. Component B: 4,8 Kg. <b>Component A + B: 20 Kg.</b>
<b>Density</b>	Density Comp. A: 1.59 ± 0,1 gr/cc S/FR1001 (colour dependant) Density Comp. B: 1,04 ± 0,05 gr/cc S/FR1001) <b>Mixture density: 1,44 ± 0,1 gr/cc S/FR1001 (colour dependant)</b>
<b>Finish</b>	Gloss
<b>Colour</b>	Junomatic Industrial colouring system
<b>Mixing-ratio (weight)</b>	79:21
<b>Solids content</b>	± 100%
<b>Storage and conservation</b>	Store in a dry place at a temperature between 5°C and 30°C. The containers must be well closed and not damaged.

### TECHNICAL DETAILS

<b>Shore D (ISO 868:2003)</b>	Shore D: 78 (7 days/+23°C)
<b>Abrasion resistance</b>	36 mg (CS 10/1000/1000) (7 days / +23°C)
<b>Tensile adhesion strength</b>	>1.5 N/mm <sup>2</sup> (concrete failure)
<b>Chemical resistance</b>	<b>Consult technical department</b>

### APPLICATION INFORMATION

Mixture potlife	Temperature	Time		
	+10°C	≈50 minutes		
	+20°C	≈40 minutes		
	+ 30°C	≈25 minutes		
Repaint time	Temperature	Minimum	Maximum	
	+10°C	30 hours	3 days	
	+20°C	24 hours	2 days	
	+ 30°C	16 hours	1 day	
Curing time	Temperatura	Step-on time	Light Traffic	Total curing time
	+10°C	≈72 hours	≈6 days	≈10 days
	+20°C	≈24 hours	≈4 days	≈7 days
	+ 30°C	≈18 hours	≈2 days	≈5 days

This information can be affected by environmental conditions (temperature and humidity).

The information contained in this technical sheet may change and must be updated. Check [www.juno.es](http://www.juno.es) or your nearest JUNO representative for the latest data sheet.

Application technical advice, whether verbal, written, or by testing, is based on JUNO's experience and technical knowledge. The data shown in this document should be considered a recommendation and as such does not imply any commitment, even with regard to possible third-party industrial property rights.

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JUNO guarantees the quality of all its products, in accordance with the current General Conditions of Sale.

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# Technical Datasheet

## PAVIMYC HB 2/C

Product Code: 07930/20 Flooring



### SYSTEM APPLICATIONS

SMOOTH FINISH SYSTEM	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Prod. Code 07915)	1-2 x 0.3-0.5 kg/m <sup>2</sup>
Finish	1-2 coats Pavimyc HB 2/C (Prod. Code 07931)	1-2 x 0.25-0.3 kg/m <sup>2</sup>

ANTI-SLIP COATING SYSTEM*	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Prod. Code 07915)	1-2 x 0.3-0.5 kg/m <sup>2</sup>
Finish + Microspheres	1-2 coats Pavimyc HB 2/C (Prod. Code 07931) + Microspheres (Prod. Code 07250)	1-2 x 0.25-0.3 kg/m <sup>2</sup>

\*Degree of anti-slip depends on surface condition.

SELF-LEVELLING SYSTEM ≈1 mm	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Prod. Code 07915)	1-2 x 0.3-0.5 kg/m <sup>2</sup>
Smooth self-levelling finish	1 part Pavimyc HB 2/C (Prod. Code 07931) + 0.5 part sand 0-1-0.3 mm	1.69 kg/m <sup>2</sup> mixture (1.12 kg/m <sup>2</sup> of Pavimyc HB 2/C + 0.57 Kg/m <sup>2</sup> of sand)
SELF-LEVELLING SYSTEM ≈1.5-3 mm	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Prod. Code 07915)	1-2 x 0.3-0.5 kg/m <sup>2</sup>
Smooth self-levelling finish	1 part Pavimyc HB 2/C (Prod. Code 07931) +1 part sand 0-1-0.3 mm	1.9 kg/m <sup>2</sup> mixture (0.95 kg/m <sup>2</sup> of Pavimyc HB 2/C + 0.95 Kg/m <sup>2</sup> of sand) per mm.

MULTI-LAYER SYSTEM ≈1 mm	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Prod. Code 07915)	1-2 x 0.3-0.5 kg/m <sup>2</sup>
Sand broadcasting	Sand 0.3-0.6 mm or 0.7 mm	4 kg/m <sup>2</sup>
Removal and vacuum of surplus sand		
Finish	2 coats Pavimyc HB 2/C (Prod.Code 07931)	2 x 0.35 kg/m <sup>2</sup>

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MULTI-LAYER SYSTEM ≈2-3mm	Product	Consumption
Primer	1-2 coats Pavimyc HB 2/C PRIMER (Product Code 07915)	1-2 x 0.4-0.7 kg/m <sup>2</sup>
Sand broadcasting	0.3-0.6 mm or 0.7 mm.	4 kg/m <sup>2</sup>
Removal and vacuum surplus sand		
Intermediate self-levelling coat	1 part Pavimyc HB 2/C (Prod. Code 07931) + 0.5 parts sand 0-1-0.3 mm	0.9 kg/m <sup>2</sup> <u>mixture</u> (0.6 kg/m <sup>2</sup> Pavimyc HB 2/C + 0.3 Kg/m <sup>2</sup> sand)
Sand broadcasting	Arena 0.3-0.6 mm or 0.7 mm.	4 kg/m <sup>2</sup>
Removal and vacuum surplus sand		
Finish coats	2 coats Pavimyc HB 2/C (Prod.Code 07931)	2 x 0.35 kg/m <sup>2</sup>

The consumptions expressed are indicative and may vary depending on the surface texture.

### SURFACE PREPARATION

#### CEMENTITIOUS AND CONCRETE SURFACES

- As a general rule, surfaces must be firm, dry and clean with a minimum tensile strength of 1,5 N/mm<sup>2</sup> and a compressive strength greater than 25 N/mm<sup>2</sup>.
- Substrate humidity level must always be less than 4% measured at 2 cm depth before application.
- Eliminate grease and rubber stains by means of a suitable mechanical process (blasting, milling or diamond grinding). If not removed, consult the technical department.
- Laitance and curing agents must be removed by means of a suitable mechanical process (blasting, milling or diamond grinding), subsequently vacuuming the resulting dust, to obtain a rough surface free from foreign materials.
- It is advisable to apply a preliminary test patch in a representative area (1 m<sup>2</sup>) to ensure product suitability.

### APPLICATION TIPS

- Stir products until completely homogenized.
- Apply on consistent, clean, dust-free surfaces, free from efflorescence (saltpetre) and mould.
- Dilute a maximum 3% with D-90 (Cod. 50.010) for sealing systems. In the rest of application systems do not dilute.

#### Environmental conditions

- During the application and curing process the temperature must be kept above 10°C and below 30°C.
- Relative humidity should not exceed 75%. There should be no rising damp or surface moisture greater than 4%.
- The temperature of the substrate must be at least 3 °C above the dew point. Avoid condensation.
- Do not apply with risk of rain or strong wind.

#### Mixture preparation

Stir component A in its container and once homogenized add component B slowly to it, while performing mechanical stirring at low revolutions (400 RPM). Shake for 2 minutes until perfectly homogenized. If necessary, pour the mixture into a new container and stir, to guarantee a homogenous mixture as possible. Do not use the coating after expired mixture pot life.

#### Application method

Short-haired roller, brush, notched trowel at supplied viscosity.

#### Cleaning

Clean application tools with **D-90 Solvent (Product Code 50.010)**.

### OBSERVATIONS/ LIMITATIONS

- The use of sweeping machines to clean the floor can dull the shine of the product and alter its colour. It is recommended not to wet the product until it is completely cured (white spots could appear).
- Pavimyc HB 2/C can be applied outdoors, although it must be taken into account that it can turn yellow due to the effect of UV rays.
- Dilute a maximum of 3% with D-90 (Cod. 50.010) for sealing systems.
- Pavimyc HB 2/C must be protected during the first 7 days of contact with water and high ambient humidity, these factors can affect the properties and final aesthetics of the product.
- Do not apply Pavimyc HB 2/C on a surface with rising damp or surface humidity greater than 4%.
- The technical data is based on laboratory tests, the actual measurements of these data may vary due to circumstances beyond the control of JUNO Paints.

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The JUNO logo consists of the word "JUNO" in a bold, white, sans-serif font, centered within a solid red square.

### SAFETY & ENVIRONMENT

- Solvent-based products must be applied with good air ventilation and using the necessary protection equipment.
- Avoid sources of ignition.
- Minimize product waste by estimating the amount needed, taking into account the m<sup>2</sup>, the porosity and surface texture.
- Store surplus material (as long as the components have not been mixed) in a ventilated and dry place. The container should be clean and the right size for the amount of product left over. Close the containers carefully and keep in an upright position to avoid spills.
- Preserve containers from frost, high temperatures and direct exposure to sunlight. Recover unused product for future use and to save the environment.
- Do not eat, drink or smoke during the preparation and application of the product. Surface preparation and application operations must be carried out with the corresponding safety measures. For more information consult the Safety Data Sheet.
- In case of contact with eyes, wash with clean and abundant water.
- Keep out of the reach from children.
- Do not discharge into drains or the environment. Dispose of at an authorized waste collection point. Consult your City Council about the correct recycling of both the container and waste and leftover paint in accordance with the law and principles of respect for the environment.