

PAVIMYC HB 2/C PRIMER

Product Code: 07915/20 Flooring

100% solid content epoxy primer coating formulated with epoxy resins.

DESCRIPTION

High solids primer formulated based on modified epoxy resins. The PAVIMYC HB 2/C PRIMER combined with the PAVIMYC HB 2/C (07931) allows different systems for continuous coatings to be achieved with a single product (smooth, non-slip, multilayer or self-levelling finish systems).

USE: INTERIOR

PAVIMYC HB 2/C PRIMER is recommended as;

- Primer for cementitious or concrete surfaces
- Primer for Pavimyc HB 2/C 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.
- Impermeable to water and water vapour.
- Very low emissions.
- Very good adhesion
- Good penetration
- Excellent chemical resistance.
- Excellent hardness.
- Protects concrete pavements from erosion.

PRODUCT DETAILS

Packaging	Component A: 15,8 Kg. Component B: 4,2 Kg. Component A + B: 20 Kg.
Density	Density A: 1,52 ± 0,05 gr/cc S/FR1001 Density B: 1,03 ± 0,05 gr/cc S/FR1001 Mixture density: 1,37 ± 0,05 gr/cc S/FR1001
Finish	High Satin
Colour	Amber
Mixture proportion in weight	79:21
Solids content	± 100%
Storage and conservation	Store in a dry place at a temperature between 5° and 30° C. The containers must be well closed/sealed and free from damage.

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TECHNICAL INFORMATION

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

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	4 days
+20°C	12 hours	2 days	
+ 30°C	10 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).

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SYSTEM APPLICATION

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 ²
Finish	1-2 coats Pavimyc HB 2/C (Prod. Code 07931)	1-2 x 0.25-0.3 kg/m ²

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 ²
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 ²

*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 ²
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 ² mixture (1.12 kg/m ² of Pavimyc HB 2/C + 0.57 Kg/m ² 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 ²
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 ² mixture (0.95 kg/m ² of Pavimyc HB 2/C + 0.95 Kg/m ² 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 0.4-0.7 kg/m ²
Sand broadcasting	Sand 0.3-0.6 mm or 0.7 mm	4 kg/m ²
Removal and vacuum of surplus sand		
Finish	2 coats Pavimyc HB 2/C (Prod.Code 07931)	2 x 0.35 kg/m ²

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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 ²
Sand broadcasting	0.3-0.6 mm or 0.7 mm.	4 kg/m ²
Removal and vacuum surplus sand		
Intermediate self-levelling coat	1 part Pavimyc HB 2/C (Prod. Code 07930) + 0.5 parts sand 0-1-0.3 mm	0.9 kg/m ² <u>mixture</u> (0.6 kg/m ² Pavimyc HB 2/C + 0.3 Kg/m ² sand)
Sand broadcasting	Arena 0.3-0.6 mm or 0.7 mm.	4 kg/m ²
Removal and vacuum surplus sand		
Finish coats	2 coats Pavimyc HB 2/C (Prod.Code 07930)	2 x 0.35 kg/m ²

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

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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/mm² and a compressive strength greater than 25 N/mm².
- 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 m²) 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 container 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

- Pavimyc HB 2/C PRIMER is not valid as a finish/topcoat.
- The Pavimyc HB 2/C System must be protected during the first 7 days from contact with water and high ambient humidity, these factors can affect the properties and final aesthetics of the product.
- Do not apply the Pavimyc HB 2/C System on a surfaces 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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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 m², 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.