

FOOD SAFE WATER BASED FLOOR EPOXY PAINTS

Product type

Two-component industrial floor paint, indoors, maximum quality based on special epoxy resins and high solidity pigments.

Colour chart

Colour chart for water-based epoxy floor paint



Technical features

Colour UNE EN ISO 3668	NCS COLOURS AVAILABLE
Shine (geometry 60°) UNE EN ISO 2813	Satin
Specific weight (A+B) (Kg/L) UNE EN ISO 2811-1	1.37 ± 0.05 Kg/L
Solids by weight (A+B) (%) UNE EN ISO 3251	56 ± 3 %
Solids by volume (A+B) (%) UNE EN ISO 3233	45.5 ± 2 %
Viscosity rating (A+B) UNE 48076	120 - 140 KU at 20°C
Theoretical Performance (A+B)	5 - 8 m ² /l coat, depending on surface structure and conditions.
Preservation and Stability in container	One year in original, unopened container, at normal temperature and humidity conditions.
VOCs (A+B) UNE EN ISO 11890-1	16.5 g/l.

Application instructions

Catalyser	K0820
Supply	Component A: Water-Based Epoxy Floor Paint Component B: Water-Based Epoxy Floor Paint Component B
Mix life 9514	UNE EN ISO 5 hours at 20°C

WATER-BASED EPOXY FLOOR PAINT 1/4

Application instructions

Mixing ration by weight	8/1
Recommended layer thickness	30-40 Microns per coat
Application on	Concrete floors, cement mortars, and other indoor derivatives: Restaurants, Food prep areas, warehouses, industrial warehouses, factories, car parks, etc
Application temperature	Higher than 12°C and below 30°C
Surface temperature	Above 8°C.
Relative environmental humidity	Below 80%
Floor residual humidity	Below 6%
Number of coats	2 coats for renovation. 3 coats on new floors
Subsequent	After 12-24 hours depending on thickness applied and environmental conditions.

	Thinner	Application percentage
Brush	Water.	The first coat slightly diluted (5% maximum), the second and third coats as is or slightly diluted (5% maximum)
Roller	Water.	The first coat slightly diluted (5% maximum), the second and third coats as is or slightly diluted (5% maximum)

Thinner for cleaning	Water.
Cleaning of utensils	Clean with water immediately after.

Instructions for use

Surfaces preparation

Surfaces must be sanded, clean, dry, free from dust, grease, oils and moisture.

Clean, dry, well set soil (28 days)

Preferably on rough surface for a better adhesion.

On unpainted surfaces: Apply 3 coats: 1st coat slightly diluted (5% maximum), 2nd and 3rd coats as is or slightly diluted (5% maximum).

On surfaces with old paints: Remove paint in poor condition and proceed as on unpainted surfaces.

For difficult surfaces (aged chlorinated rubber paints, PVC, plastics, ceramic surfaces, etc.): Use WATER-BASED WHITE MATT EPOXY PRIMER (Ref. J6744) with WATER-BASED MATT EPOXY PRIMER CATALYST (Ref. K0864) (See technical data sheet) or consult the Technical Department).

Instructions for use

Mix well the contents of the container

Prepare the quantity to use:

Mix proportion (by weight): 8 parts of "A" and 1 part of "B".

Component A container is not supplied filled in order to incorporate the entire contents of Component B.

WATER-BASED EPOXY FLOOR PAINT 2/4

Oficinas centrales / Headquarters / Siège social
San Fernando, 116. D.P. 26300 Nájera. La Rioja. Spain
Tel. (34) 941 410 000 / Fax (34) 941 410 111 / www.barpimo.com

Shake until fully incorporated (Mixing machine). Leave for 10 minutes.
Apply with good air flow, in thin, uniform and well spread coats

Very important: It is advisable to use the same batch production of last coating applied to avoid differences in tone of the filling, for getting a uniform surface.

Recommendations before application

Do not apply with temperatures lower than 12°C or higher than 30°C

Relative environmental humidity: Below 80%

Surface temperature above 8°C.

Drying / Polymerisation

Dry to the touch (20°C and 80% R.H.)	3-4 hours depending on thickness applied.
Minimum repainting interval	12-24 hours
Walkability	2-3 days for human and light machinery transit. 1 week for heavy machinery vehicles transit.
Drying for Physical Tests	15 days
Drying for Chemical Tests	15 days

Physical-chemical resistances

Test Tube	Concrete and derivatives
Dry Film Thickness UNE-EN ISO 2808	100 ± 10 microns
Persoz hardness UNE-EN ISO 1522	250 ± 10 seconds
Adherence UNE-EN ISO 2409	100% soil
Direct Impact UNE-EN ISO 6272-1	60/15
Resistance to abrasion UNE-EN ISO 7784-2	20 mg (CS -17, 1000 g, 1000 cycles)

WATER-BASED EPOXY FLOOR PAINT 3/4

Oficinas centrales / Headquarters / Siège social
San Fernando, 116. D.P. 26300 Nájera. La Rioja. Spain
Tel. (34) 941 410 000 / Fax (34) 941 410 111 / www.barpimo.com

General

Packaging	18 Kg (16+2), 4.5 Kg (4+0.5)
Storage	Store in a cool place. Do not store open containers.

Comments

This paint can have antistatic properties integrated by adding a 1% weight of the Antistatic Additive (Ref. J6821). For further information, see technical data sheet for this additive.

Shake the contents of the containers before use.

For toxicological regulations, please check the SAFETY DATA SHEET.

Apply in a well ventilated area.

Store in a cool, dry place, protected from frost. Temperature range: 5-40°C

The maximum catalyst stability is 1 year at 20°C.

This sheet has been created with informational purposes only and does not replace expert advice. The information provided reflects our current knowledge and have been obtained from our own experience, but under no circumstance do they entail any warranty whatsoever from our part. For these reasons, we cannot accept any undesired consequence deriving from its use. 21/01/2022 This sheet replaces all previous versions.

WATER-BASED EPOXY FLOOR PAINT 4/4