

TECHNICAL DATA SHEET

JUNOPOXY BICOMPONENT BASE P

Code: 88.882

JANUARY 2015

DESCRIPTION

JUNOPOXY is a two-component Polyamide Epoxy with gloss finish, recommended for service in corrosive industrial atmospheres where a tough, impact, abrasion and chemical resistant coating is needed.

Apply over properly prepared and primed steel, galvanized steel or aluminum. Also recommended for use on masonry surfaces, including plaster walls, cement composite board and concrete blockwork.

This product provides great coverage and is easy to apply. Anti-Dust function.

USE: INTERIOR - EXTERIOR

Finishing enamel for Epoxy processes, ideal for protection of metal surfaces exposed to contact with water, grease, acids or diluted alkalis, etc. Also recommended for painting unpolished concrete floors. Not recommended for painted surfaces with coatings of tar and / or bituminous asphalt.

SURFACE PREPARATION

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. Prime bare areas with a suitable primer.

METAL SURFACES

Must be free of grease, rust and calamine, and subsequently primed with Epoxy Primer 2/C. Apply Epoxy Enamel 2/C after 24 hours.

ALUMINUM: Solvent Clean to remove grease and oils.

FERROUS METAL: Commercial Blast Clean. Minimum surface preparation is Hand Tool or Power Tool Clean.

GALVANIZED STEEL: Solvent Clean. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded, i.e., Brush-Off Blast or Chemically treat the surface.

CONCRETE SURFACES.

In order to ensure good adhesion to concrete surfaces, the substrate must be rough and clean of dust, grease, oils, dirt, rust, waste or anything else that may contaminate the paint.

Grease and rubber stains should be removed with solvent or detergent.

Concrete which has been treated with curing compounds or hardeners, should be thoroughly abraded. Acid etch or abrasive blast.

Rinse with water immediately.

Lime and curing agents must be removed by sandblasting, followed by vacuum-cleaning dust. This achieves a rough textured surface free from foreign particles. A good concrete roughness is also achieved with an etching solution with Hydrochloric Acid at 10% and water. This operation must be carried out under adequate safety conditions.

Any acid residue must be removed using pressure water blasting.

Allow to dry. Apply 2/3 coats of Epoxy Enamel 2/C; the first coat diluted with 15 % D-90 Diluent in volume, followed by a second coat non-diluted or diluted at 5 %, 24 hours later.

Application of a second coat must not be delayed beyond 48 hours in order to avoid any adherence problems. During the application, the atmosphere air must be constantly renewed. Floors must not be stepped on for one week in order to obtain the appropriate resistance.

Finish: Gloss

Color: See color chart. RAL Colors

Viscosity: Minimum 80 " S/FR1002

Density: 1,35 +/- 0,05 gr/cc S/FR1001.

Drying time: 5-6 hours to the touch

Repaint: Minimum 24 hours.

Maximum: 72 hours

Thinner: D-90

VOC content: Maximum 500 g/l.

Performance: 10m² / L/ coat
(50 dry microns).

Solids in volume: (51 +/-2) %. Theoretical

Maximum continuous temperature: 100°C

Mixture Pot life: Minimum 8 hours

TWO-COMPONENT MIXTURE PREPARATION

Mix the two components in given ratios. (See table).

Add Component B to Component A, and shake until an even mixture is achieved.

- Allow to rest for 30 minutes before application.

- Paint, surface and air temperature must be between 15 and 35° c.

Maximum relative humidity 65%.

MIXING RATIO	WEIGHT	VOLUME
COMPONENT A	77	2.1
COMPONENT B	23	1

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APPLICATION PROCEDURE

Product can be applied with paint roller, paintbrush or conventional/airless spray equipment.

Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

With spray equipment, dilute with 10 - 15 % of Diluent (D-90).

AIRLESS SPRAY: Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

BRUSH: High Quality Natural Bristle Brush

ROLLER: Solvent resistant core

If in doubt regarding the quality of the floor preparation, we recommend applying a small amount of paint on a small area of 1m², to check the adherence results before finishing the job.

On concrete surfaces cure for thirty (30) days under normal drying conditions.

GENERAL RECOMMENDATIONS

For Professional Use Only; Not Intended for household use.

Apply only when air temperature is as per recommendations given.

The solvents contained in JUNOPOXY© can lift some alkyd, oil based and other coatings that are not resistant to strong solvents.

A test patch application is recommended.

Application on wood is limited to incidental or interior application.

Surfaces must be clean of dust, grease, oils, dirt, rust, waste or anything else that may contaminate the paint.

Remove old paint, varnish or other treatments in poor state and if needed clean up imperfections with adequate filler.

Shake the container and stir the paint well before application to homogenize the paint and the color.

Respect the recommended application temperature and the drying times between coats (20°C, relative humidity 65%).

The thickness of application, temperature and humidity may affect drying times.

Buy only the necessary quantity required, taking into account the m², porosity and support texture.

Store the remaining product in a dry and well-ventilated place.

Work under appropriate ventilation and respect the safety precautions and follow all norms indicated in the safety data sheet of the product.

CLEANING

Cleaning of brushes, rollers, painting equipment, etc. must take place immediately after use, with JUNO D-90 Solvent. Let dry before storage.

For stained surfaces clean stains immediately with soapy water or with an adequate solvent.

Consult your town council about the appropriate recycling method for the container, waste and excess paint, in accordance with the existing legislation and environmental protection principles.

SHIPPING



Packaging: 4/15 litres

Shipping Weight:
Units per pallet: 150/33



Freight Classification:
Paint or paint related material

**Transport Information**

UN number: UN1263
Transport hazard class: 3
Packing group: III



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