

# Technical Datasheet

## BITUMEN COATING



Product code: 87700 Coatings

### DESCRIPTION

Protective coating based on distilled petroleum tar and natural bitumens.

### USE: EXTERIOR

Corrosion protection on metal surfaces and other materials in constant humidity, immersed in water or on surfaces located under ground such as chassis, pipes, gates, conduits, etc.

Suitable as a base coat on cement for waterproofing bituminous finishes.

Leaves a relatively hard and gloss finished film.

### PROPERTIES

- Easy application.
- Protects surfaces by waterproofing.
- Resistant to immersion in water.

**Finish:** Gloss

**Colour:** Black

**Viscosity:** Min. 80" S/FR1002

**Density:** 0,95 ± 0,05 S/FR1001 gr/cc,

**Drying:** 40 minutes

**Min. repaint time:** 24 hours

**Thinner:** D-17 solvent

**Practical coverage:** 11m<sup>2</sup>/litre (at 50 micron thickness)

**Solids in volume:** 56,5 % Theoretical

**Flash Point:** Flammable at 25 °C

**Relative application humidity:** Max. 80%

**VOC Content:** >500 g/l

87700 BLACK



Format: 4L / 15 L

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### SURFACE PREPARATION

**IRON AND STEEL.** Steel surfaces must be completely clean and free from traces of paint in poor condition, dust, grease, rust and mill scale. To achieve good protection, abrasive blasting up to grade Sa 2 ½ according to ISO 8501-1 is recommended. Peeling paint coatings, mill scale, rust, and foreign matters must be removed. Any remaining trace of contamination should only show up as small circular spots or stripes. Alternatively clean by manual means using wire brushes, scrapers, prefabricated synthetic fabrics containing abrasives and rust chipping hammers, all in accordance with ISO 8504.3.

**ALUMINUM AND GALVANIZED.** Not recommended.

**CONCRETE SURFACES.** Newly laid concrete - wait until fully set (min 1 month). The surface must be completely dry. Pavement moisture should not exceed 4%, measured 2 cm deep. The surface must be firm and clean of dust, grout or grease and poorly adhered parts. Minimum tensile strength 15 kg / cm².

Remove grease and rubber stains with solvents or detergents, then rinse the detergent with water. Use shot blasting and milling if they do not disappear. Grout and curing agents should be removed by shot blasting and milling, subsequently vacuuming the resulting dust, to obtain a clean rough surface free from foreign materials.

The surface to be painted must be rough enough to ensure adhesion.

It is convenient to apply on a preliminary test area of approx. 1 m², to verify compatibility and result before completing the whole surface.

### APPLICATION TIPS

Stir the contents of the container until completely homogenized.

Apply on clean, completely dry surfaces, free of efflorescence (saltpeter) and mould.

Dilute the product according to the porosity and state of the substrate.

**ENVIRONMENTAL CONDITIONS.** Do not apply on substrates with temperature below 5°C, or on to excessively hot surfaces.

The temperature of the substrate must be at least 3°C above the dew point. Relative humidity should not exceed 80%.

Do not apply with risk of rain or strong wind.

### APPLICATION METHOD.

- BRUSH application: Dilute 5-10% with **D-17 JUNO Thinner** for a correct application viscosity.

- CONVENTIONAL SPRAY EQUIPMENT:

Tip Size: 1,7 - 2,18 mm.

Air pressure: 4 - 5 Kg/cm²

Dilution: Between 5 and 15%.

- AIRLESS SPRAYING

Tip Size: 0,43 - 0,53 mm.

Work pressure: 150 - 170 Kg/cm²

Dilution between 0-10%.

The exact determination of the dilution percentage will depend on the air temperature, pressure settings of the spraygun, type of nozzle, etc. Pay special attention not to dry spray; the deposited coat must be damp, otherwise adhesion problems may occur.

It is not recommended to paint in rainy weather or during hours of maximum heat.

**CLEANING.** Clean stains and application tools immediately with **JUNO solvent D-17 (Prod.code 50.004)**

In accordance with the terms of directives 1999/13/EC and 2004/42/EC, this product may only be used indoors in registered or especially authorized installations.

### RECOATING

For recoating use bituminous paint products derived from petroleum distillation or natural bitumen. Can be applied over zinc-rich paints, Shop Primer and glycerophthalic paints.

It is not compatible with bituminous products derived from coal.

Not recommended for the protection of wood surfaces.

### SAFETY & ENVIRONMENT

As this is a solvent-based product, it must be applied with good air renewal and with the necessary protection measures. Avoid sources of ignition.

Minimize product waste by estimating the necessary quantity, taking into account the m², porosity and texture of the substrate.

Store the excess material in a ventilated and dry place. The container should be clean and sized for the amount of leftover product. Close containers carefully and keep upright to avoid spillage. Preserve the containers from frost, high temperatures and direct sun exposure. Recover unused product for a new use and reduce environmental effects.

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 the eyes, wash with plenty of clean water. Keep out of the reach of 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 the waste and leftover paint in accordance with the law and principles of environmental respect.

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

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