

# Technical Datasheet

## JUNOSOL

**JUNO**

Product Code: 06162 Floor coatings

### DESCRIPTION

One pack water-based floor paint with high adhesion and abrasion resistance. Formulated based on styrene-acrylic resins that provide great hardness. Ideal for painting floors to which it provides excellent mechanical properties and anti-dust effect.

### USE: INTERIOR - EXTERIOR

Recommended for painting internal and external applications such as on tarmac, concrete, asphalt, walls and bricks. Ideal for painting sports facilities, line marking and car parks with light traffic.

Being a water-based product, it is suitable also on asphalt/tarmac surfaces, as it avoids bleed-through problems.

### PROPERTIES

- Abrasion resistant
- Anti-dust effect
- Good penetration and adhesion
- Great hardness and flexibility
- Water-based product suitable for tar, asphalt and slurry floors
- Suitable for places with poor ventilation

### CERTIFICATIONS

- Slip resistance: Class 3 with ANTI-SLIP MICROSPPHERES (Prod. Code 07250). UNE-ENV 12633, Annex A
- Reaction to fire: Euroclass B-s1, d0. UNE 13501-1

**Finish:** Semi-matt**Colour:** White, Tennis Green, Tennis Red, Yellow, Cement Grey, Light Grey**Viscosity:** Minimum 100 P S/FR1007**Density:** 1,35 ± 0,05 g/cc S/FR1001 (depending on colour)**Drying time:** Touch dry in 1 hour**Min. repaint time:** 6 hours**Max. repaint time:** Unlimited**Thinner:** Water**Practical Coverage:** 8 m<sup>2</sup>/L (per coat)**Flash point:** Not flammable**VOC content:** Max. 30 grs./litre

06162 WHITE

06160 TENNIS RED

06163 CEMENT GREY

06150 TENNIS GREEN

06166 YELLOW

06164 LIGHT GREY

**Format:** 4L / 15L

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### SURFACE PREPARATION

#### CEMENT AND CONCRETE SURFACES.

As a general rule, surfaces must be firm, dry and clean. Always check the humidity of the substrate before application (this must be less than 4%). Surface tensile strength minimum 15 kg/cm<sup>2</sup> and compressive strength greater than 25 N / mm<sup>2</sup>.

Surfaces must be rough and absorbent, and free from grease, rubber, curing agents, lime-scale and any other foreign material.

Grease and rubber stains can be removed with solvents or detergents, subsequently rinsing with water.

Use shot blasting and milling to remove more difficult stains.

Concrete floors are prepared by shot blasting or milling to remove laitance, lime-scale and curing agents, followed by vacuuming dust residues. Once we have a rough surface free of foreign residues, this will favour adhesion and allow for a good paint finish.

For finer or smooth surfaces such as silica-free concretes, can be etched with 10% hydrochloric acid.

This operation must be done with the proper safety measures.

Remove excess acid by jet washing.

For any questions regarding surface prep. treatments, do not hesitate to contact our Technical Department.

**ASPHALT SURFACES.** Surfaces must be clean. Wait minimum 15 days after laying until paint is applied.

**PAINTED SURFACES.** Remove badly adhered or defective paint, dust and dirt. Gloss or satin finished paints must be sanded to promote adhesion and eliminate surface tension. Carry out a test to check the solidity and anchoring of the paint to prevent possible incompatibilities between coats.

**FINISH.** Once the surface is prepared, it is recommended to apply the first coat preferably by brush to facilitate penetration. Subsequent coats are applied following the minimum time indicated between coats. When there is any doubt about the quality of the floor preparation, we recommend applying paint to a test area on the surface (1m<sup>2</sup>) to check the adhesion results before deciding to finish the rest of the job.

### APPLICATION TIPS

**IMPORTANT!** Stir the paint thoroughly until complete homogenization.

Apply on consistent, clean surfaces, free of efflorescence (saltpeter) and molds.

It is not advisable to apply the product on damp or excessively sun-heated surfaces.

Dilute the product depending on the porosity and state of the surface to be painted.

**ENVIRONMENTAL CONDITIONS.** During the application and the curing process the temperature must be kept above 10°C.

Relative humidity should not exceed 80%. There should be no rising damp levels.

The temperature of the substrate must be at least 3°C above the dew point.

Avoid condensation. Do not apply when risk of rain or strong wind is present.

**APPLICATION METHOD.** Brush, roller or spray equipment. Apply minimum two coat of JUNOSOL.

**CLEANING.** Clean stains and work tools with soapy water immediately after use.

### OBSERVATIONS

Junosol must be protected from moisture, condensation and water for at least the first 24 hours after application.

Do not allow accumulations of water on its surface during this time.

The degree of gloss of the applied product may vary depending on the temperature and the absorption of the substrate.

The use of sweeping machines to clean the floor can tone the shine of the product down and may alter its colour.

### SAFETY AND THE ENVIRONMENT

Minimize paint waste by estimating the correct amount of paint needed for the job, taking into account the m<sup>2</sup>, porosity and texture of the substrate.

Store 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 sunlight.

Re-use leftover paint for future applications to reduce environmental impact.

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 product's Safety Data Sheet.

In case of contact with the eyes, wash with plenty of clean water. Keep away 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 the waste and leftover paint in accordance with your local legislations 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. Application technical advice, whether verbal, in writing or through testing, is based on JUNO's technical knowledge and experience. The data shown in this document should be considered a recommendation and as such does not imply any commitment, even with regard to possible industrial property rights of third parties. The application, use and transformation of the products supplied by JUNO are carried out by third parties. Consequently, the final result is the sole responsibility of the customer, applicator or handler of the products and not of the supplying company. This document does not exempt the customer from carrying out their own examination of the products supplied, in order to verify their suitability for the procedures and purposes foreseen. In the event of liability assumed by JUNO, it will be limited to the strict value of the merchandise supplied and used by the customer, whatever the damages caused. JUNO guarantees the quality of all its products, in accordance with the General Conditions of Sale in force.  
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