

# Tehchnical Datasheet

## JUNORETANO 2C Matt



Prod.code: 88801 Enamels/ Junomatic Industrial Tinting System

### DESCRIPTION

Junoretano is 2 component polyurethane enamel for Junomatic Industrial Tintometric System. Formulated with 2 component aliphatic polyurethane giving a maximum resistance. Combines great elasticity, hardness and adherence to a perfect smooth finish.

### USE: INTERIOR - EXTERIOR

Topcoat finish that can be applied directly on concrete floors, wood (interior only) , metal surfaces etc.

### PROPERTIES

- Wide range of colors
- When polymerizing, forms a hard matt film
- Great adherence and elasticity
- Excellent coverage
- Easy application

### CERTIFICATIONS

- Fire Retardant: B,s1d0 EN 13501-1
- Slip resistant: Class 3 with ANTI-SLIP MICROBEADS (Prod.Code 07250). Certified as per ISO UNE-ENV 12633, Annex A

**Finish:** Matt

**Color:** Junomatic Industrial Tinting System

**Viscosity:** Min. 30 poises S/FR1007

**Density:** 1,15± 0,05 gr/cc S/FR1001

**Drying:** Touch Dry in 2 hours

**Min. repaint time:** 24 hours

**Max. repaint time:** 7 days

**Diluent:** D-71 Solvent

**Coverage:** 10-11 m<sup>2</sup>/L (50 dry microns)

**Volume Solids:** P BASE: 54 ± 2 % Theoretical

**Flash Point:** Flammable 26 °C

**Mix Ratio A/B in volume:** 9:1

**Mix Ratio A/B in weight:** 10:1

**Potlife:** 8 hours

**Mix Induction time:** 30 minutes

**Rel.humidity:** Max. 80%

**VOC Content:** Max. 500 g/l

88801 P-BASE

88802 TR-BASE



Format: 1L / 4L

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### SURFACE PREPARATION

#### CONCRETE SURFACES

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

The surfaces should be rough and absorbent, free of grease, rubber, curing agents, lime slurry, and any other foreign material. Grease and rubber stains can be attempted to be removed with solvents or detergents, then rinsed with water. Use shot blasting and milling if they do not disappear.

Concrete floors should be prepared by shot blasting or milling to remove the slurry and curing agents, then vacuum the dust. This will result in a rough surface free of foreign materials, which will promote adhesion and good results. Good roughness can also be achieved on silicate-free concretes by treating them with 10% hydrochloric acid. This operation must be carried out with the appropriate safety measures. Next, remove the excess acid with a high-pressure water jet. If there are any doubts about the treatments to prepare the surface, consult the Technical Department.

#### TREATING PATHOLOGIES

- **Mould Contamination:** Wash stains vigorously and disinfect with Junoclean Code 760.180. Rinse with water and allow to dry completely.

- **Salt Efflorescence (Saltpeter):** Brush vigorously, wash, and neutralize with a solution of hydrochloric acid or zinc sulfate (10%).

Rinse with water and allow to dry completely.

#### ASPHALT SURFACES

Not recommended.

#### PAINTED SURFACES

Remove any poorly adhered paint, dust, and dirt, and repair defective areas. For gloss or satin paints, sand until the shine is removed to enhance adhesion and eliminate paint surface tensions. Perform a test to check the solidity and adhesion of the paint and to prevent possible incompatibilities between paint coats.

#### TOPCOATING

Once the surface is prepared, a first coat should preferably be applied with a brush to facilitate penetration. Subsequent coats should be applied directly, allowing the minimum indicated time between coats for repainting. When in doubt about the quality of the floor preparation, we recommend applying paint on a representative area of the surface (1 m<sup>2</sup>) to check adhesion results before deciding to complete the work.

### APPLICAITON TIPS

Important to **stir the paint** until fully homogenized.

Apply on consistent, clean surfaces that are free of efflorescence (saltpeter) and mould. It is not advisable to apply the product on wet or excessively sun-heated surfaces. Dilute (or not) the product depending on the porosity and condition of the substrate. During application, ensure you operate in a properly ventilated environment.

#### MIXTURE PREPARATION

The product is supplied in two containers, one with Component A and the other with Component B, in the correct proportions for use. Stir Component A in its container and once homogenized, slowly add all of Component B into it while stirring mechanically at low speed. Stir for 2 minutes until fully homogenized. If necessary, transfer the mixture to another container and stir again to ensure the most homogeneous mixture possible. Let the mixture rest for 30 minutes, then stir again. Once mixed the product's potlife is 8 hours. Do not use the paint after passed potlife if the 2 compnents (A+B) have been mixed.

#### ENVIRONMENTAL CONDITIONS

During application and the curing process, the temperature should be kept above 15°C. Relative humidity should not exceed 75%. There should be no rising damp/humidity. The substrate temperature should be at least 3°C above the dew point. Avoid condensation. Do not apply when there is a risk of rain or strong winds.

#### APPLICATION METHOD

Roller; use a brush only for small touch-ups.

### OBSERVATIONS

The use of sweeping machines for cleaning the floor can affect the brightness and gloss of the product and may alter its color. Product must only be used with the JUNOMATIC tinting system.

### SAFETY AND ENVIRONMENT

Solvent based products must be applied with good ventilation and with the necessary protection measures. Avoid sources of ignition. Minimize product waste by estimating the amount needed, taking into account the m<sup>2</sup>, porosity and the surface texture.

Store the excess material in a ventilated and dry place. The container must be clean and of adequate size for the amount of product left over.

Close containers carefully and keep upright to avoid spills. Preserve the containers from frost, high temperatures and direct exposure to the sun.

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 of children. Do not discharge into drains or the environment. Dispose to an authorized waste collection point. Consult your town hall about the correct recycling of both the container and waste and leftovers of paint according to law and principles of environmental respect.

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