

# Tehchnical Datasheet

## JUNORETANO 2C Gloss

Prod.code: 88880 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 chemical resistance. Combines great elasticity, hardness and adherence to a perfect smooth and very bright finish. Excellent properties for exterior use with high resistance to UV rays.

### USE: INTERIOR - EXTERIOR

Topcoat finish that can be applied directly on concrete, wood, metal, polyester reinforced with fiberglass, ABS, etc., with very good resistance against industrial and marine environments.

Provided its excellent adhesion and resistance to abrasion properties, it is also recommended for painting pools, concrete floors in industrial buildings and sports facilities.

### PROPERTIES

- Wide range of colors
- When polymerizing, forms a hard and glossy film
- Great adherence and elasticity
- Excellent resistance to oils, lubricants, solvents and aggressive chemicals
- Excellent outdoor properties
- Resists dry heat up to 150°C
- Resistant to industrial and marine environments
- Excellent coverage
- Excellent gloss retention
- Easy application

### CERTIFICATIONS

- Fire Retardant: B,s1d0 EN 13501-1

**Finish:** Gloss

**Color:** Junomatic Industrial Tinting System + RAL

**Viscosity:** Min. 160" S/FR1002

**Density:**

BASE P: 1,22 ± 0,05 gr/cc S/FR1001

BASE TR: 1,18 ± 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:** 11 m<sup>2</sup>/L (50 dry microns)

**Volume Solids:**

P BASE: 55 ± 2 % Theoretical

TR BASE: 54 ± 2 % Theoretical

**Flash Point:** Inflammable 21 - 55 °C

**Mix Ratio A/B in volume:** 7:1

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

**Potlife:** 8 hours

**Mix Induction time:** 30 minutes

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

88880 P-BASE

88881 TR-BASE



Format: 4L / 15 L

The information contained in this data sheet may change and must be updated. Consult [www.junopaints.com](http://www.junopaints.com) or your nearest JUNO representative to obtain the most recent data sheet. The technical advice of application, whether verbal, written or through trials, are based on the experience and technical knowledge of JUNO. 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, employment and transformation of the products supplied by JUNO are carried out by third parties. Consequently, the final result is the sole responsibility of the client, applicator or manipulator of the products and not of the supplying company. This document does not exempt the client from carrying out his own examination of the products supplied, in order to verify their suitability for the procedures and intended purposes. In case of responsibility assumed by JUNO, it will be limited to the strict value of the goods supplied and used by the customer, whatever the damages and losses caused. JUNO guarantees the quality of all its products, in accordance with the current General Sales Conditions.

# Technical Datasheet

## JUNORETANO 2C Gloss

Code: 88880 Enamels/ Junomatic Industrial Tinting System



### SURFACE PREPARATION

**IRON & STEEL** Surfaces must be free of grease, rust and limescale. To achieve good corrosion protection, we recommend priming with **Dynapok 2-pack Primer (Product Code 22.722)**

**ALUMINUM & GALVANIZED STEEL** . If the galvanization is hot-dip galvanized and this has been exposed to the atmosphere, it normally forms zinc corrosion (whitish rust) and contaminants can accumulate. These must be removed by washing with fresh, clean water containing detergents and by abrasion, followed by intensive cleaning with hot water. Alternatively, the use of hot water, pressurized water, steam cleaning, sweep blasting or cleaning with manual or mechanical tools may be suitable. For added protection priming with **Dynapok 2-pack primer is recommended (Product Code 22.722)**.

**WOOD**. The surface must be clean sanded and completely dry. Ensure surface is free from grease, dust and any foreign agents. The wood's moisture content should not exceed 15%.

**CONCRETE**. Wait until concrete has fully set (min. 1 month). The surface must be completely dry. The substrate moisture level should not exceed 4%, measured at 2 cm depth. The surface should be firm and free of dust, grout or grease and loose particles. Minimum tensile strength is 15 kg/m<sup>2</sup>.

To achieve a good adhesion of the paint film on the concrete surfaces, the surface must be rough and free of grease stains, rubber, curing agents, lime slurry and any foreign particles.

Grease and rubber stains should be removed with solvents or detergents. Rinse with clean water after treatment.

Use shot blasting and milling if stains do not disappear with normal cleaning.

Grout and any curing agents must be removed by shot blasting and milling, subsequently removing any dust.

A textured and clean surface is necessary before application. As always, before any application the surface must be completely dry.

It is advisable to paint a preliminary test patch checking product compatibility and result before proceeding with the full job.

On concrete surfaces, apply at least two coats of Junoretano. The first coat diluted with 15% **D-71 solvent (Prod. Code 50.014)**.

After 24 hours apply a second coat without diluting or diluted with 5% **D-71 solvent (Prod. Code 50.014)**.

Should gloss not be even across the painted surface, it is necessary to apply a third coat.

### APPLICATION TIPS

Stir the paint until complete homogenization. Apply on surfaces that are consistent, clean, free of efflorescence (saltpeter) and mold.

It is not advisable to apply the paint on wet surfaces or excessively overheated by the sun.

Paint can be diluted according to the porosity and state of the surface to be painted.

**MIXTURE PREPARATION**. Product comes in two containers, one with Component A and another with Component B, and is supplied in the exact mixture proportion for its use. Stir component A in its container and once homogenized add component B slowly to it, while stirring mechanically at low speed. Stir for 2 minutes until perfect homogenization. If necessary, the prepared mixture can be poured into a new container to ensure that the mixture is as homogeneous as possible. Let the mixture stand for 30 min. Stir again. Do not use the enamel after its 8 hour potlife.

**ENVIRONMENTAL CONDITIONS**. During the application and the curing process, the temperature must be maintained above 15°C.

The relative humidity should not exceed 75%. There should be no rising humidity level. 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**. On smaller surfaces product can be applied by brush. When spraying dilute with approximately 15% solvent **D-70 (Product Code 50.007)**.

**CLEANING**. Clean stains and work tools immediately after use using **D-71 Solvent (Product Code 50.014)**.

### 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.

The information contained in this data sheet may change and must be updated. Consult [www.junopaints.com](http://www.junopaints.com) or your nearest JUNO representative to obtain the most recent data sheet. The technical advice of application, whether verbal, written or through trials, are based on the experience and technical knowledge of JUNO. 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, employment and transformation of the products supplied by JUNO are carried out by third parties. Consequently, the final result is the sole responsibility of the client, applicator or manipulator of the products and not of the supplying company. This document does not exempt the client from carrying out his own examination of the products supplied, in order to verify their suitability for the procedures and intended purposes. In case of responsibility assumed by JUNO, it will be limited to the strict value of the goods supplied and used by the customer, whatever the damages and losses caused. JUNO guarantees the quality of all its products, in accordance with the current General Sales Conditions.