

# 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 onto a multitude of different surfaces such as concrete, wood, metal, uPVC, polyester reinforced with fiberglass, ABS, etc., with very good resistance to 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

- Slip Resistance: Class 3 with ANTI-SLIP MICROSPHERES (Code 07250). UNE-ENV 12633, Annex A
- Fire Reaction: B,s1,d0 EN 13501-1.
- Tested as a Finish Coat in Paint Systems for Corrosivity Category C-4, low, high, and very high durability, and Corrosivity Category C-5 medium and high durability, according to ISO 12944-6. Tecnalia Laboratory.

**Finish:** Gloss

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

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

**Density:**

BASE P: 1,25 ± 0,05 gr/cc S/FR1001

BASE TR: 1,20 ± 0,05 gr/cc S/FR1001

**Drying:** Touch Dry in 2 hours

**Min. repaint time:** 6 hours

**Max. repaint time:** 7 days

**Diluent:** D-70/(D-71 Solvent for brush application)

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

**Volume Solids:**

P BASE: 55 ± 2 % Theoretical

TR BASE: 54 ± 2 % Theoretical

**Flash Point:** Flammable 31°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: 1L/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.

# Tehnickal Datasheet

## JUNORETANO 2C Gloss

Prod.code: 88880 Enamels/ Junomatic Industrial Tinting System



### SURFACE PREPARATION

**IRON AND STEEL:** Surfaces must be free of grease, rust, and mill scale. For good anti-corrosion protection, we recommend applying a Dynapok 2C Primer (Code 22.722).

**ALUMINUM AND GALVANIZED SURFACES:** If hot-dip galvanized surfaces have been exposed to the atmosphere, they can develop zinc corrosion (whitish rust) and contaminants may accumulate. These should be removed by washing with fresh, clean water containing detergents, and using abrasive-containing synthetic fibers, followed by thorough cleaning with hot water. Alternatively, hot water, pressurized water, steam cleaning, sweep blasting, or cleaning with manual or mechanical tools may be appropriate. If greater protection is required, a coat of Dynapok 2C Primer (Code 22.722) should be applied.

**WOOD:** The surface must be clean and completely dry, free of grease, sanded, and devoid of dust and foreign agents. The moisture content should not exceed 15%.

**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%) and have a minimum tensile strength of 15 kg/cm<sup>2</sup> and a compressive strength greater than 25 N/mm<sup>2</sup>.

Surfaces should be rough and absorbent, and free from grease stains, rubber, curing agents, lime slurry, and any other foreign materials. Grease and rubber stains can be attempted to be removed with solvents or detergents, followed by rinsing with water. Use shot blasting or milling if they do not disappear.

Concrete floors should be prepared by shot blasting or milling to remove slurry and curing agents, followed by vacuuming the dust. This will result in a rough surface free of foreign materials, which will enhance adhesion and lead to good results. A good roughness can also be achieved in concretes without silica by treating them with 10% hydrochloric acid. This operation must be carried out with appropriate safety measures. Then, remove the excess acid with a high-pressure water jet. If there are doubts about the treatments for surface preparation, consult the Technical Department.

#### **PATHOLOGIES:**

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

- Saline Efflorescence (Saltpeter): Brush vigorously, wash, and neutralize with a 10% solution of hydrochloric acid or zinc sulfate. Rinse with water and allow to dry completely.

**ASPHALT SURFACES:** Not recommended.

#### **PAINTED SURFACES:**

For paints in poor condition, remove poorly adhered or defective parts, dust, and dirt. For glossy or satin paints, sand until the gloss is removed to enhance adhesion and reduce tensions. Perform a test to check the paint's solidity and anchorage and to prevent possible incompatibilities between layers.

#### **FINISHING:**

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 time indicated between coats for repainting. If there is any doubt about the quality of the floor preparation, we recommend applying paint to a representative area of the surface (1 m<sup>2</sup>) to check adhesion results before proceeding to complete the job.

### APPLICATION TIPS

Stir the contents of the can until completely homogeneous.

Apply to solid, clean surfaces that are free of efflorescence (saltpeter) and mould.

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

Dilute or not the product depending on the porosity and condition of the substrate.

During application, maintain an atmosphere with good ventilation.

#### **MIXTURE PREPARATION:**

Product is supplied in two containers, one with Component A and the other with Component B in the precise proportion for use.

Stir Component A in its container, and once homogenized, slowly add Component B to it while stirring mechanically at low speed.

Stir for 2 minutes until perfectly homogeneous. If necessary, transfer the mixture to another container and stir to ensure the most homogeneous mixture possible. Let the mixture rest for 30 minutes. Stir again. Do not use the mixture after its 8 hour potlife.

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.

# Tehchnical Datasheet

## JUNORETANO 2C Gloss

Prod.code: 88880 Enamels/ Junomatic Industrial Tinting System



**JUNO**

### ENVIRONMENTAL CONDITIONS:

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

### APPLICATION METHOD:

On small surfaces, it can be applied with a brush.

For conventional sprayer:

Nozzle size: 1.2 - 1.8 mm

Air Pressure: 3 - 4 Kg/cm<sup>2</sup>

Dilution: Between 5% and 10% until a viscosity of 20 - 30 seconds is achieved using Ford Cup No. 4, with D-70 thinner. (Code 50.007).

For airless/airmix sprayer:

Nozzle: 0.38 - 0.48 mm

Working Pressure: 150 - 170 Kg/cm<sup>2</sup>

Dilution: Between 0% and 5% with D-70 (Code 50.007) or D-71 thinner. (Code 50.014)

The exact determination of the dilution percentage will depend on factors such as temperature, gun pressure, nozzle type, etc. Pay special attention to avoid dry spraying; the deposited coating should be wet; otherwise, anchoring problems may occur.

### CLEANING:

Clean stains and work material immediately with D-70 thinner. (Code 50.007).

### 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 local council about the correct recycling of both the container and waste and leftovers of paint according to law and principles of environmental respect.