

# TECHNICAL DATA SHEET

## PA401 - CONCENTRADO

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PINTURAS SERRANO 2011, S.L.

Pol. Ind. El Salvador

Avda. Segunda Parcela 81

02630 La Roda (Albacete)

Phone number: +34 967443657 Tel and fax +34 967441351

Email: [info@resitop.com](mailto:info@resitop.com)

Preparation name: **CONCENTRADO**

Code: PA401

Use of the preparation: Construction/repair of sports surfaces.

### 2. DEFINITION

**CONCENTRADO** is formulated from pure acrylic resins in highly-pigmented emulsion in order to provide the surfaces to be treated with a uniform colour finish that is resistant to both wear and atmospheric agents.

**CONCENTRADO** is a multipurpose product, since the **PREMIX** product can be achieved by mixing the **CONCENTRADO** on site with extra fine siliceous sands (0.2 mm) in the appropriate proportions or mixed only with water to be applied as a topcoat.

### 3. FIELDS OF APPLICATION

For new construction or repair works of:

Tennis courts, sports courts, cycle lanes, pedestrian areas, decorative areas, recreation areas, etc.

#### **4. SURFACE PREPARATION.**

The product is applied on asphalt surfaces that are free of cracks or fissures. Its optimum performance is achieved when applied on surfaces that have been previously coated with one or more layers of **TOPSEAL, RESURFACER plus sand or RESURFACER PREMIX.**

**On Concrete apply on EPOXOL or RESIEPOX**

If a cushioned track system is desired, several coats of **FLEXITOP** must be applied before applying the coats of **CONCENTRADO** plus sand (**PREMIX**). (See technical data sheets)

#### **5. APPLICATION**

**As a layer with sand (PREMIX):**

It is mixed in the proportion of 100 kg of **CONCENTRADO** with 70 kg or 80 kg of silica sand (0.1-0.2), adding 40 to 50 litres of water, using a suitable mixer until a homogeneous mixture is achieved.

Once mixed with water, a row of product is poured on the surface, while using a rubber scraper to spread the product evenly.

If applying several layers, cross-coating is advisable. It is also advisable to scrape and sweep away any imperfections that may have occurred when spreading the mixture (except in the final coat).

While applying, avoid filling hollows with a thickness greater than 2mm in order to achieve a uniform finish and thus avoid cracks appearing in the form of "crocodile skin" once the product is dry.

Once the product has been applied, the utensils and tools used should be cleaned with water.

**As a final topcoat (without sand):**

It is mixed in the proportion of 100 kg of **CONCENTRADO** with 40-50 litres of water, using a suitable mixer until a homogeneous mixture is achieved.

A rubber scraper, roller, brush, gun, airless sprayer, etc. could be used to apply the product.

While applying, avoid filling hollows with a thickness greater than 1mm in order to achieve a uniform finish and thus avoid cracks appearing in the form of "crocodile skin" once the product is dry.

Once the product has been applied, the utensils and tools used should be cleaned with water.

## **6. TECHNICAL CHARACTERISTICS**

**Nature:** Acrylic dispersion.  
**Aspect:** Smooth, semi-matte  
**Colour:** Light green, dark green, red, grey, beige, light blue, dark blue,  
violet. (See colour chart)

### **Yield:**

**Concentrado + silica sand (0.2 mm):** 0.230 kg/m<sup>2</sup> of product  
Undiluted pure **concentrate** plus 0.170 kg/m<sup>2</sup> of sand (0.2 mm)  
approximately depending on the condition of the surface on which it  
is to be applied, its porosity and the application temperature.

Topcoat **concentrate** without sand: 0.250 kg/m<sup>2</sup> of pure product

**Drying:** 1 to 2 hour (25°C) depending on prevailing wind and humidity.  
**Curing:** 15 days (total drying for maximum yield of application surface).  
**Odour:** Weak characteristic smell.  
**Density:** At 23°C 1.13 g/cm<sup>3</sup> (UNE-EN ISO 2811-1)  
**Viscosity:** 68 KU (UNE 48076)

**Slip resistance:** Class 3 according to the Technical Building Code in its  
Section SU1

### **Abrasion resistance**

As per UNE 48250, using CS17 wheels, a load of 500g and 1000g performing 1000  
cycles.

Load of 500g weight loss 0.136 g  
Load of 1000g weight loss 0.255g

## **7. PRECAUTIONS**

Always use clean drinking water.  
Do not apply at temperatures below 10°C.  
Do not use if imminent rain is forecast.  
Store the product protected from possible frost or exposure to the sun.  
The maximum recommended storage is 12 months from its manufacture date in its original  
unopened container.  
For its preservation it is advisable not to add water to the material that will not be used.

## **8. HYGIENE AND SAFETY**

Do not eat, drink or smoke during use.

Keep out of the reach of children.

Avoid contact with skin and eyes.

Store the product in dry areas, and at a temperature between 5°C and 35°C.

Do not pour the waste down the drain.

Comply with prevailing Health and Safety at work legislation.

The person responsible for delivering the container waste or used container, for its proper environmental management, will be its final owner.

For more information see safety data sheet.

## **9. NOTES**

The data reviewed here are based on our current knowledge, laboratory tests and practical use in specific circumstances and through objective judgements.

This data sheet overrides and replaces any previous one related to the same product.

**MANUFACTURED IN SPAIN.**

**MANUFACTURED IN THE EU**