

# SPORTS SURFACES

DATA SHEET

## TOP KART

Coloured coating used to finish kart circuits

### CHARACTERISTICS

Top Kart is a coloured coating based on extremely durable acrylic resin and selected sand, that ensures excellent road hold on cement go kart tracks.

### APPEARANCE

Medium-viscosity coloured liquid

### CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	kg/dm <sup>3</sup>	1.49	± 0.1
Dry mass residue	%	71	± 0.5
Residue at 450°C	%	53	± 0.5
Brookfield viscosity (with Brookfield viscometer rotor No. 5 speed 10)	mPa.s	16600	± 2000
pH		9	± 1

### LAYING INSTRUCTIONS

Tools	Thinning	Thinner	Cleaning tools
Rubber squeegee	5%	Water	Water

### LAYING SURFACE

A vapour barrier should be installed on cement decks to protect the deck against rising damp. Use a shot-peening machine to remove the surface layer of the cement and roughen the surface. Remove all traces of dust. If there is no vapour barrier, please contact the Technical Office of Casali S.p.A.

IMPORTANT: resin surfaces are generally waterproof (non-draining), so that decks should be sloped correctly to ensure efficient rainwater run-off and prevent pooling. Any corrections that may be required should be made before laying the final coating; if necessary, please contact the Technical Office of Casali S.p.A.

### RECOMMENDED PRIMER

On cement decks, Epobase S, using about 200 ml/sq.m.

### CONSUMPTION

Minimum recommended consumption is 0.6 Kg/sq.m applied in 2 coats. Consumption depends on the porosity of the deck.

### APPLICATION INSTRUCTIONS

Ambient temperature MIN 10°C MAX 40°C  
Relative humidity MAX 90%  
Deck temperature MIN 10°C MAX 50°C

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**DRYING AT 23°C AND 50% R.H.**

Surface dry	1 h
To touch	2 h
Interval between coatings	5 h

The times indicated refer to standard laboratory conditions. Drying times are strongly affected by the weather; high temperatures and exposure to direct sunlight accelerate drying; shadow, low temperatures and high humidity delay drying. During winter it is advisable to lay the product in the middle of the day when it is warmer. Always ensure that the previous layer is perfectly dry before applying a new coating.

**PACKAGING**

Colours available	Black (701) and Grey (415)
Packaging	20 kg.

**STORAGE**

Storage temperature	MIN 3°C - MAX 40°C
Pot life	12 months

**WARNINGS**

Do not apply the product in foggy or damp weather, or if rain or frost are forecast. Ensure that the deck is perfectly flat, sturdy and compact with the correct aggregate grading to prevent flaws on the surface. Repairs and/or fillings should be carried out in accordance with the instructions of Casali S.p.A.

Check for rising damp and/or infiltrations, and if necessary contact the Technical Office of Casali S.p.A. for more information.

**SAFETY STANDARDS**

Please read the safety data sheet before using the product.

**CERTIFICATION**

All material - in perfect accordance with the Minimum Environmental Criteria (CAM) standards and the "Waste Hierarchy Principle" that rewards prevention in the production of waste itself - is packaged in 100% recyclable metal drums. Due to the packaging of the resin formulation inside plastic bags, these drums remain completely clean at the end of the product's use and therefore, as opposed to the usual plastic containers, entirely recyclable. This reduces the production of plastic packaging and packaging waste by more than 94%, significantly reducing the loading, transport and delivery of these non-recyclable materials to authorised PPWDs.

*The data provided by these data sheets are approximate and the Company reserves the right to modify the same for technical reasons, without prior notice. The solutions proposed do not represent all the possible uses but are merely case studies deriving from Casali's installation experience and are therefore intended only for purposes of illustration. The user is exclusively responsible for the way the products illustrated are used, whether properly or improperly, for evaluating in advance the suitability or otherwise of the product for its requirements and exerting the utmost caution in handling chemical products. **Important: to ensure best colour uniformity of surface laid products, we recommend that you use materials from the same production lot as finishing layer. The Technical Office of Casali's Synthetics Division is at your complete disposal for any further specific information or explanations you may require (phone 071 9162095).***