

# SPORTS SURFACES

DATA SHEET

## SOFTBASE

Synthetic resin-based filler for bituminous beds

### CHARACTERISTICS

Softbase is an acrylic resin based coating containing select sands, in water emulsion, especially formulated to seal asphalt deck surfaces.

### APPEARANCE

Thixotropic black paste.

### CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm <sup>3</sup>	1,7	± 0,1
Dry mass residue	%	76	± 3
Dry volume residue	%	60	± 3
Residue at 450°C	%	65	± 3
Brookfield viscosity (with Brookfield viscosimeter rotor no. 6, speed 3)	mPa·s	240000	± 12000
pH	-	8	± 1

### LAYING INSTRUCTIONS

Tools	Thinner	Type of thinner	Cleaning tools
Rubber spatula	20 - 30 %	Water	Water

### LAYING SURFACE

Softbase may be applied on:

- Asphalt mat cured for 3 - 4 weeks after laying.
- Cement decks smoothed with a fine plasterer's trowel after applying a primer; please contact the Technical Office of Casali S.p.A. for more detailed information about this type of application.

IMPORTANT: resin surfaces are generally waterproof (non-draining) so that the deck must be sloped correctly to ensure rainwater runoff and prevent pooling. Works to correct the deck must be carried out before laying the final covering; if necessary please contact the Technical Office of Casali S.p.A.

### CONSUMPTION

Apply the product on a bitumen mat using 1 Kg./sq.m. in 1 coat. In the case of highly porous decks, due to the presence of coarse inert materials, apply up to 1.5 Kg./sq.m. in 2 coats (use 0.5 Kg./sq.m. for the second coating). In the case of cement decks, apply approximately 0.5 Kg./sq.m. of product in a single coat.

### APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 40°C  
Ambient relative humidity: MAX 90 %  
Laying surface temperature: MIN 5°C - MAX 50°C

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## DRYING AT 23°C AND R.H. OF 50%

On surface	1 h
To touch	2 h
Interval between coatings	4 h

The times indicated refer to standard laboratory conditions. Curing times are strongly affected by weather conditions; high temperatures and direct sunlight accelerate curing; shade, low temperatures and high levels of humidity slow down curing. In winter, lay the product in the warmer hours of the day. Always allow the coating to dry perfectly before applying the next coating.

## PACKAGING INSTRUCTIONS

Colours available	Black.
Packaging	50 kg. drums.

## STORAGE INSTRUCTIONS

Storage temperature:	MIN 3°C - MAX 40°C
Stability in the original package:	12 months

## IMPORTANT INSTRUCTIONS

Do not apply the product in the case of fog, high humidity levels, rain or frost. The conditions of the deck must be checked to ensure that it is plane, resistant, consistent that the granule grading is correct in order to prevent imperfections on the surface. Repairs and/or filling must be carried out according to the specifications of Casali S.p.A. Check for rising dampness and/or infiltrations, if necessary contact the Technical Office of Casali S.p.A.

## SAFETY STANDARDS

Please read the safety data sheet carefully before using this product.

*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).***

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