

# SPORTS SURFACES

DATA SHEET

## POLYBASE

Two-component polyurethane primer developed  
to ensure adhesion on PVC surfaces

### CHARACTERISTICS

Polybase is a two-component polyurethane primer used as adhesion coating on new sports flooring on PVC decks.

### APPEARANCE

Component A: yellowish low-viscosity liquid.  
Component B: dark low-viscosity liquid.

### CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm <sup>3</sup>	1,05	± 0,05
Dry mass residue	%	99,5	± 3
Dry volume residue	%	99	± 3
Brookfield viscosity: (with Brookfield viscosimeter rotor no. 4, speed 20)	mPa·s	830	± 80
Mixing ratio (A:B) by weight	-	A:B = 73:27	-

### LAYING INSTRUCTIONS

Toolings	Thinner	Type of thinner	Cleaning method
Brush	Ready for use	-	DIL S1
Roller	Ready for use	-	DIL S1

Apply the product in a thin and perfectly uniform layer, without build up.

### LAYING SURFACE

Go over the deck with a sanding machine to create a micro-porous surface and then vacuum the surface carefully. The PVC deck must be dry, compact, consistent and well glued to the deck; the joints between the sheets must be laid carefully with no gaps, cracks, detached or lifted parts. The primer and the next coating will not compensate any defects of the deck.

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

Minimum recommended coverage is 0,15 l/sq.m.

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## HARDENING AT 23°C AND 50% U.R.

Pot life	30'
To touch	24 - 36 h
Interval between coatings	36 - 48 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	Neutral.
Packaging	A + B = 4 lt

## STORAGE INSTRUCTIONS

Storage temperature:	MIN 10°C - MAX 40°C
Stability in the original package:	6 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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