

# SPORTS SURFACES

DATA SHEET

## PASTE EP 11

**Two-component epoxy adhesive for PVC and rubber flooring**

### CHARACTERISTICS

Paste EP 11 is formulated to glue pvc and rubber mats and Spomat on indoor/outdoor cement decks, and may also be used in coupling with Protector G 13 lamina on floating sports floors; Paste EP 11 has excellent mechanical properties and may be used to glue synthetic turf on cement decks.

### APPEARANCE

Component A: high-viscosity pigmented paste.  
Component B: dark low-viscosity liquid.

### CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm <sup>3</sup>	1,58	± 0,1
Dry mass residue	%	96	± 3
Dry volume residue	%	91	± 3
Residue at 450°C	%	67	± 3
Brookfield viscosity (with Brookfield viscosimeter rotor no. 7, speed 5)	mPa·s	400000	± 20000
Mixing ratio (A:B) by weight	-	A:B = 92:8	-

### LAYING INSTRUCTIONS

Toolings	Thinner	Type of thinner	Cleaning tools
Toothed spatula	Ready for use	-	DIL S1

If the product is highly viscose due to low temperatures, dilute Paste EP11 with DIL S1 at a ratio of 1 - 3 % by weight.

### LAYING SURFACE

The deck should be clean and dry and should have no loose parts or traces of oil and grease. Remove imperfections and undue roughness before treating so that the deck is perfectly plane and smooth. Paste EP 11 should not be applied on a deck without a vapour barrier.

### CONSUMPTION

Coverage depends on the roughness of the deck and the materials to glue:

- coupled with lamina Protector G13 0.5 Kg/sq.m.
- on cement 1 Kg/sq.m.

Preliminary tests should be carried out to determine the exact coverage, that may vary according to the roughness of the deck

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## APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 45°C  
Ambient relative humidity: MAX 80 %  
Laying surface temperature: MIN 5°C - MAX 35°C

## HARDENING AT 23°C AND R.H. OF 50%

Pot life	45' at 23 °C
Time of start setting	5 h
Maximum hardening time	MAX 4 days

The times indicated refer to standard laboratory conditions. Drying times are strongly influenced by the weather; high temperatures and direct sunlight accelerate drying; shadows, low temperatures and high humidity levels delay drying. In winter, lay the product in the central and warmer hours of the day. Always ensure that the previous layer has hardened correctly before applying the next layer.

## PACKAGING INSTRUCTIONS

Colours available	Neutral.
Packaging	A + B = 12 kg

## 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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