

# SPORTS SURFACES

DATA SHEET

## PAVISINT SEALER 45

**Two-component polyurethane paste  
for smoothing and sealing prefabricated granular rubber and/or cast in situ decks**

### CHARACTERISTICS

Product for laying gym flooring, that may be applied on prefabricated granular rubber decks and/or cast on site, to lay sports surfaces with Pavisint SL 75 systems.  
Pavisint Sealer 45 is an intermediate layer laid between a granular rubber deck and the next self-levelling layer, that is used to smooth and seal the surface of the granular rubber deck or cast-in-situ.

### APPEARANCE

Component A: pigmented viscous paste.  
Component B: dark medium-viscosity liquid.

### CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm <sup>3</sup>	1,29	± 0,1
Dry mass residue	%	99,7	± 0,5
Dry volume residue	%	99,5	± 0,5
Residue at 450°C	%	35	± 0,5
Brookfield viscosity (with Brookfield viscosimeter rotor no. 6, speed 20)	mPa·s	38000	± 3500
Mixing ratio (A:B) by weight	-	A:B = 82:18	-

### LAYING INSTRUCTIONS

Tools	Thinner	Type of thinner	Cleaning tools
Smooth squeegee	Ready to use	-	DIL S1

### LAYING SURFACE

Granular rubber deck made with prefabricated SPORMAT, prefabricated rubber tiles or granular rubber cast-in-situ. In all cases, the bottom should be perfectly flat and compact.  
**IMPORTANT:** resin surfaces are generally waterproof (non draining) surfaces, 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 consult the Technical Office of Casali S.p.A.

### CONSUMPTION

Depending on the type of deck, the minimum recommended coverage is as follows:  
- 0.5 Kg/sq.m in two coatings (a first 300 g./sq.m. coating followed by a second 200 g./sq.m. coating) on prefabricated Spormat surface;  
- 1.5 - 1.7 Kg/sq.m. on rubber decks cast in situ. Use test samples to get a true idea of the amount of product required.

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### APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 40°C  
Ambient relative humidity: MAX 80 %  
Laying surface temperature: MIN 10°C - MAX 35°C

### HARDENING AT 23°C AND R.H. OF 50%

Pot life	30'
Interval between coatings	MIN 20 h - MAX 36 h
Maximum hardening time	5 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	Grey
Packaging	A + B = 20 kg

### STORAGE INSTRUCTIONS

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

### CERTIFICATION

PAVISINT SEALER 45 TOGETHER WITH THE PAVISINT SL 75 SYSTEM AS A WHOLE IS CERTIFIED ACCORDING TO ITALIAN FIRE RESISTANCE LAWS IN CLASS 1 AND ACCORDING TO EUROPEAN LAWS IN CLASS B fl - s1

### IMPORTANT INSTRUCTIONS

Do not apply the product in foggy or damp weather, or if rain or frost are forecast. Ensure that the deck is perfectly flat and sturdy with the correct aggregate grading to prevent flaws on the surface. Repairs and/or filling 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. office for more information. Store component B at a temperature between 10°C and 30°C, otherwise the material may crystallize and be unsuitable for use. The material may however be reconditioned for several hours with a heater or water bath at 40-45 °C, shaking the tin to eliminate lumps, and bringing the material back to a liquid state (the hardener must be limpid otherwise the crystals are not perfectly blended). The heated material must be applied immediately otherwise it will deteriorate and can no longer be used

### SAFETY STANDARDS

Please read the safety data sheet before using the 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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