

SPORTS SURFACES

DATA SHEET

PAVISINT GLUE 80

A two-component polyurethane glue for granular rubber mats

CHARACTERISTICS

Pavisint Glue 80 is a solvent-free polyurethane glue especially formulated for gluing prefabricated rubber mats (Spormat) in Pavisint SL 75 and Conspport sports flooring systems. A high-strength glue that remains permanently elastic while ensuring outstanding adhesion to asphalt and cement decks.

APPEARANCE

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

CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm ³	1,63	± 0,1
Dry mass residue	%	99,5	± 3
Dry volume residue	%	99	± 3
Residue at 450°C	%	62	± 3
Brookfield viscosity (with Brookfield viscosimeter rotor no. 4, speed 5)	mPa·s	520000	± 22000
Mixing ratio (A:B) by weight	-	A:B = 90:10	-

LAYING INSTRUCTIONS

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

Select the squeegee according to the roughness of the deck. Ensure to soak the Spormat rubber mat thoroughly.

LAYING SURFACE

Pavisint Glue 80 may be applied on indoor cement and asphalt decks (see specifications for realisation of decks). In both cases, the deck must be compact, consistent, free from oil, grease and humidity and well levelled; if not, repair the deck as necessary. Allow asphalt surfaces to cure for 3 - 4 weeks after laying. Application on existing decks with a high level of humidity is not recommended, consult the Technical Office of Casali S.p.A. to assess whether or not the application is feasible.

CONSUMPTION

Minimum recommended coverage is 0.8 – 1.0 kg/sq.m. for cement surfaces, and 1.2 – 1.5 kg/sq.m. for asphalt surfaces.

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APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 40°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	40' at 23°C
Curing start time	5 - 6 h
Maximum hardening time	MAX 7 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.

CHARACTERISTICS OF THE DRY PRODUCT

Characteristic	U.M.	Valore
Adhesion	N/mm ²	> 2

PACKAGING INSTRUCTIONS

Colours available	Grey.
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. Store component B at a temperature between 10°C and 30°C, otherwise the material may crystallise and will no longer be suitable for use. The material however be reconditioned for several hours with a stove or heated in a water bath at 40 - 45°C, stirring occasionally to eliminate any solid particles until the product is liquid (the hardener must be clear and limpid otherwise the crystals have not melted completely). Use the reheated material immediately otherwise it will deteriorate and may not be used.

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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