

SPORTS SURFACES

DATA SHEET

PAVISINT HL 77

Rigid intermediate layer of the Pavisint SL 75 RW system

CHARACTERISTICS

Pavisint HL 77 is a two-component product consisting of rigid, self-levelling, solvent-free polyurethane resins; the product is applied in the Pavisint SL75 RW system as a load distributor for use of the flooring with in-line skates, hockey skates, and any other types of skates and wheelchair sports.

APPEARANCE

Component A: Low viscosity grey liquid
Component B: Medium-viscosity dark liquid

CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	Kg/dm ³	1,07	± 0,05
Dry mass residue	%	100	± 0
Dry volume residue	%	100	± 0
Residue at 450°C	%	3	-
Mixing ratio (A:B) by weight	-	A:B = 67:33	-

LAYING INSTRUCTIONS

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

LAYING SURFACE

Granular rubber mat (SPORMAT) smoothed with Pavisint Sealer 45.

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

Coverage is 1.10 Kg/sq.m. for a thickness of 1 mm.

APPLICATION INSTRUCTIONS

Ambient temperature: MIN 10°C - MAX 40°C

Ambient relative humidity: MAX 80 %

Laying surface temperature: MIN 10°C - MAX 40°C

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HARDENING AT 23°C AND R.H. OF 50%

Pot life	30 min.
Interval between coatings	12 h
Maximum hardening time	about 20 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	Value
Shore D hardness (after 20 days)	77

PACKAGING INSTRUCTIONS

Colours available	neutral
Packaging	A + B = 20 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 foggy or damp weather, or if rain or frost are forecast. Ensure that the deck is perfectly flat and resistant, and has the correct 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. 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 occasionally to eliminate lumps, and restore the material to a liquid state (the hardener must be perfectly clear 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 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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