

SPORTS SURFACES

DATA SHEET

XPADEL RB100

**Two component polyurethane paste
for smoothing and sealing prefabricated granular rubber**

CHARACTERISTICS

Product for laying padel flooring, that may be applied on prefabricated granular rubber decks, to lay sports surfaces with X Padel RB systems. X Padel RB100 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.

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 ³	1.29	± 0,1
Dry mass residue	%	99.7	± 0.5
Brookfield viscosity (with Brookfield viscometer rotor No. 6 speed 20, 22°C)	mPa.s	38000	± 3500
Mixing ratio (A:B) by weight	-	A:B = 82:18	-

LAYING INSTRUCTIONS

Tools	Thinning	Thinner	Cleaning tools
Smooth squeegee	Ready to use	-	DIL S1

LAYING SURFACE

Granular rubber deck made with prefabricated XPadel Mat. 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.

CONSUPTION

The typical recommended coverage is 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 mat surface.

APPLICATION INSTRUCTIONS

Ambient temperature MIN 10°C MAX 40°C
Relative humidity MAX 80%
Deck temperature MIN 10°C MAX 35°C

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DRYING AT 23°C AND 50% R.H.

Pot life	30'
Interval between coating	MIN 20 h - MAX 36 h
Complete hardening	Approx. 5 days

Times refer to standard laboratory conditions. Hardening times are strongly influenced by weather conditions; high temperatures, direct sunshine accelerate hardening; shadows, low temperatures, slow down hardening. In winter the product should be applied in the central and warmer hours of the day. Always ensure that the previous layer has hardened before applying the next coating.

PACKAGING

Colours available	Grey
Packaging	A + B = 20 Kg

STORAGE

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

WARNINGS

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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