

SPORTS SURFACES

DATA SHEET

XPADEL RB200

**Two component self-levelling elastic polyurethane coating
used to lay adels with XPadel RB systems**

CHARACTERISTICS

XPadel RB200 is a self-levelling coating used to lay padel surfaces, applied on a prefabricated granular rubber mat, and smoothed down with XPadel RB100. XPadel RB200 in combination with 0.5-1.5 size EPDM granules, gives the flooring a perfectly finish for the padel game with high elasticity and resistant with a fine slip effect.

APPEARANCE

Component A: pigmented medium viscous liquid
Component B: dark low-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	± 0.3
Mixing ratio (A:B) by weight	-	A:B = 82.5:17.5	-

LAYING INSTRUCTIONS

The product, once mixed A+B is ready to use and must be applied by calibrated spatula at 1 mm (1,3 kg/sq.m); Broadcast EPDM granules, size 0,5-1,5 mm immediately after the product has levelled the teeth marks in excess quantity. The application tools can be cleaned with DIL A1. The extra quantity of granules will be removed the following day.

LAYING SURFACE

The granular rubber mat (X Padel Mat) should be smoothed down perfectly with X Padel RB100, so that it is perfectly flat, with no unglued parts or lifted joints.

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

Minimum recommended coverage is 1.3 Kg/sq.m for a thickness of 1 mm.

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' at 23°C - 15' at 31°C
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	See color chart
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.

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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