

SPORTS SURFACES

DATA SHEET

XPADEL AC200

Resin coating for padel courts

CHARACTERISTICS

XPadel AC is a skim coat for padel courts to be applied on prefabricated granular rubber mats, suitable for indoor and outdoor courts.

APPEARANCE

Coloured paste.

CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	kg/dm ³	1.64	± 0.1
Dry mass residue	%	75	± 1
Dry volume residue	%	36	± 1
Brookfield viscosity (with Brookfield viscometer rotor No. 6 speed 10)	mPa.s	100000	± 10000
pH		8	± 1

LAYING INSTRUCTIONS

Tools	Thinning	Thinner	Cleaning tools
Rubber squeegee	20-30%	Water	Water (on wet product)

LAYING INSTRUCTIONS

Granular rubber underlay made with prefabricated XPadel Mat.

The bottom must be perfectly flat and compact.

IMPORTANT: resin surfaces are generally waterproof (non-draining) so that the deck must be sloped correctly to ensure rainwater runoff and prevent pooling. Works to correct the deck must be carried out before laying the final covering; if necessary please contact the Technical Office of Casali S.p.A.

CONSUPTION

The recommended consumption of the product as it is on a prefabricated XPadel Mat mat is 1.7-1.8 kg/m² applied in 4 coats.

APPLICATION INSTRUCTIONS

Ambient temperature	MIN 10°C MAX 40°C
Relative humidity	MAX 90%
Deck temperature	MIN 5°C MAX 50°C

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DRYING AT 23°C AND 50% R.H.

On surface	1 h
To touch	2 h
Recoating time	4 h

The times indicated refer to standard laboratory conditions. Curing times are strongly affected by weather conditions; high temperatures and direct sunlight accelerate curing; shade, low temperatures and high levels of humidity slow down curing. In winter, lay the product in the warmer hours of the day. Always allow the coating to dry perfectly before applying the next coating.

PACKAGING

Colours available	Red (102), Green (201), Dark green (202), Blue (303), Light blue (302), Grey (413), Oran-ge (151), Violet (502), Deep blue (319), Violet (507) and other on request.
Packaging	50 Kg Drums

STORAGE

Storage temperature	MIN 3°C - MAX 40°C
Pot life	12 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 before using the product.

CERTIFICATION

All standard colours contribute effectively to the containment of the heat barrier effect (CAM/GPP-EC Decree) by achieving SRI (Solar Reflect Index) >29. For example, the light blue 302 colour has an SRI of 48,9. Please consult the Casali S.p.A. technical department for the data of the individual colours.

All material - in perfect accordance with the Minimum Environmental Criteria (CAM) standards and the "Waste Hierarchy Principle" that rewards prevention in the production of waste itself - is packaged in 100% recyclable metal drums. Due to the packaging of the resin formulation inside plastic bags, these drums remain completely clean at the end of the product's use and therefore, as opposed to the usual plastic containers, entirely recyclable. This reduces the production of plastic packaging and packaging waste by more than 94%, significantly reducing the loading, transport and delivery of these non-recyclable materials to authorised PPWDs.

*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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