

SPORTS SURFACES

DATA SHEET

PATCH BINDER

Adhesive latex and adjuvant for cement mortars

CHARACTERISTICS

Patch Binder is a product based on synthetic resins, designed for the formulation of elastic cement mortars for the repair of cracks that appear in existing cracked playing fields and as an adhesive resin for reinforcing strips.

Patch Binder is an integral part of the Riteway Crack Repair System, which involves the preliminary filling of cracks and their stabilization through the use of adhesive bands and reinforcement fabrics with specific application steps. Patch Binder, once hardened, constitutes a surface suitable for laying the subsequent repair band.

APPEARANCE

Milky white liquid

CHARACTERISTICS OF THE LIQUID PRODUCT

Characteristic	U.M.	Value	Tolerance
Specific weight	kg/dm ³	1,02	± 0,1
Dry residue	%	44	± 1
pH		11	± 1

APPLICATION PROCEDURE

For crack repair, Patch Binder must be mixed with cement and quartz sand in the following percentages.

- Patch Binder 25%
- Cement powder 325 25%
- Quartz sand 0,1 - 0,3 mm 50%
- Water q.b.

Prepare the mixture in the proportions indicated in a clean container of suitable capacity by adding the powders to the Patch Binder and mixing with a suitable mixer until a homogeneous mixture without lumps is obtained.

Pour the mixture into the crack using a jug or similar container until it fills above the surface level.

If the level drops, refill with new compound.

Once hardened, smooth the surface flush with the aid of a diamond grinding wheel, then clean carefully by brushing and/or blowing.

For the application of subsequent repair strips, Patch Binder is used for the perfect saturation of both the white RW Stress Mat band and the yellow RW Bonding Edge band. The band is positioned preliminarily and subsequently impregnated until saturated with the undiluted product, using a roller of suitable size. The application of the product must be carried out with the utmost care, checking that there are no air bubbles and/or creases that could compromise the perfect outcome of the job.

LAYING INSTRUCTIONS

Tools	Thinner	Type of thinner	Cleaning tools
Jug (for the dough)			Water
Roller			Water

PREPARATION OF THE LAYING SURFACE

The cracks must be opened with the appropriate crack-opening tools to the bottom and then carefully cleaned of dust and loose parts.

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CONSUMPTION

Consumption varies based on the type of intervention to be performed; However, we recommend carrying out tests to calculate total consumption. Indicatively, for a crack of 1 cm x 5 cm x 90 ml, 20 kg of Patch Binder + 20 kg of 325 cement powder + 50 kg of quartz sand are required.

APPLICATION INSTRUCTIONS

Application temperature range MIN 15° C MAX 40° C

Avoid applying the product in the presence of rain, frost and high humidity or with the threat of precipitation.

DRYING AT 23°C AND R.H. OF 50%

Pot life	1 hour
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To touch	2 hour
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Overcoverage time	24 hours
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The times indicated refer to standard laboratory conditions. Drying times are strongly influenced by weather conditions; high temperatures and direct sunlight accelerate drying; shadows, low temperatures, high humidity slow down drying. In winter, concentrate the installation in the central and warmest hours of the day. Always check that the previous layer has dried before proceeding with a new application.

PACKAGING

Packaging	10 kg.
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STORAGE INSTRUCTIONS

Storage temperature	MIN 3°C - MAX 40°C
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Stability in the original package	12 months
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OTHER INFORMATION:

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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