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## RIVLATEX SU

### One component primer for absorbent substrates

#### Description

RIVLATEX SU is a ready to use mono component primer based on hybrid resins in water dispersion. Once applied, in a very short time this product gives rise to a waterproof, very compact, glossy and elastic film, that adheres well to the substrate and is capable of consolidating and adjusting the surface water absorption rate while improving the adhesion of tile adhesives. It is specifically formulated for application to plasterboard or prefabricated concrete slabs.

#### Where to Use

RIVLATEX SU is used as an adhesion primer for:

- bonding ceramic tiles using cementitious adhesives belonging to the MONOTACK series, or with BETON-R and BETON-H, on any surface based on calcium phosphate or cement foam;
- cementitious overcoating (such as skim coatings, self-levelling coats, plastering) of gypsum-based or anhydrite-based surfaces or plaster coatings on cement-based plaster;
- small blocks made of terracotta, prior to the laying of the cement-based or gypsum-based plaster.

#### Advantages

The product:

- is one component;
- exhibits a remarkable capability of binding to the plasterboard substrate consolidating it and decreasing its water absorption level.

Using RIVLATEX SU on gypsum based surfaces as a primer for subsequent concrete coatings, prevents the chemical reaction between gypsum sulfates and cement aluminates, in the presence of moisture, leading to the formation of ettringite (compound that could cause disbonding between the two elements).

#### Application

##### Substrate Preparation:

- thoroughly clean and remove all loose particles;
- the substrate must be free of grease, oil or other residues.

##### Product Application:

- mix the product thoroughly before withdrawing;
- apply by roller or brush, a quantity sufficient to cover the entire surface to be treated. The product is lightly tinted and this helps to identify the areas in which it is already applied;
- if the surface is particularly smooth, a light sanding is recommended;
- apply in such quantity as not to form a very thick superficial film as this would undermine the proper drying of the product;
- if the substrate is poorly absorbent, the product can be diluted with water (ratio 1:1 or 1:2).

##### Product Curing and Subsequent Applications:

- RIVLATEX SU fully dries on plasterboard or prefabricated concrete slabs after approx. 2 hours at 23°C and 50% RH to form a slightly sticky, firm and very thin film; once this time has elapsed, it is possible to proceed with the installation of the tiles.

#### Coverage

Coverage depends on the laying surface porosity and roughness: on a standard plasterboard it ranges from 100 to 200 g/m<sup>2</sup>.

#### Special Warnings and Instructions

- Cleaning of tools: with water before the product hardens, by mechanical means once it is fully dried.
- Apply at temperatures ranging from +5 to +35°C.
- The product is frost sensitive.



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- RIVLATEX SU despite reducing the plasterboard water absorption level, nevertheless is not a waterproofing product.
- Not suitable for outdoor application and/or in the presence of rising damp.
- Do not mix with solvents. The product can be diluted with water.
- The product is not flammable and does not develop harmful vapors and is therefore applicable in closed rooms without providing any special precautions.
- RIVLATEX SU is a product with a very low content of volatile organic compounds (VOCs).
- Refer to the Material Safety Data Sheet MSDS before use.

#### Specifications

Bulk Density, UNI 8310	g/cm <sup>3</sup>	1.00 ± 0.05
Solid Residue (125°C, 1h, 2g), ISO 1625	%	20 ± 1
pH, UNI 8311	---	8.0 ± 0.5
Apparent dynamic viscosity (Brookfield ASTM G2, 100 RPM), UNI EN ISO 2555	mPa·s	30 ± 15
Colour	---	green, opalescent
Odour/Smell	---	characteristic
Minimum Temperature of Application	°C	+
VOC content, (Directive 2004/42/EC)	g/l	1

Note: the test methods refer to the related standards as shown in the table.

#### Labelling, packaging and storage

Indication of danger	none
Packaging	1 liter bottle, 5 and 25 liters canister.
Storage	24 months in original packaging, in a covered, dry area at temperatures between +5°C and +35°C. The product is cold sensitive.

#### Legal notice

Tips on how to use our products match the current state of our knowledge and do not imply any assumption of responsibility or/and liability for the final result of works. Therefore, customers are not exempt from the responsibility to verify the suitability of products for use and final aims through preliminary tests. The website [www.nordresine.com](http://www.nordresine.com) contains the latest revision of this datasheet.

#### Edition

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