

Prosib 330

Versatil Sealer

JUNE 2019

AT A GLANCE

Manufacturer

SIB, Sociedade Industrial
De Britagem De Pedra, LDA

Nano Technology
Environmentally friendly
VOC and APEO-free
Water vapor permeable
Reduces surface abrasion
Indoor and outdoor use



DESCRIPTION:

PROSIB 330 is a self-cross-linking nano-based waterborne copolymer, versatile and high-performance sealer. PROSIB 330 is an effective final step for the protection of polished concrete or cement based mortar floors.

It is easy to apply and creates a durable shell that protects concrete or overlays from stains while offering good abrasion resistance. It's Nano technology formulation penetrates deep inside concrete and delivers great stain protection in gloss or low gloss finish.

Features:

Ideal for Polished and Hard-troweled New Concrete
Interior and Exterior Projects
Seals and protects mineral substrates:
Concrete, Terrazzos, concrete Blocks, Brick, Pavings, Stucco,
Stamped Concrete, Micro Toppings, Self-Leveling Overlays and most
Natural Stones

Properties:

Fast curing - Walkable in 4 hours.
Ready for light use in 12 hours.
Normal use in 24 hours.
Full Cure in 72 hours
Solids: 35%
Specic weight: 1,07 kg/lit
Aspect: White liquid
VOC: 95 gr/lit

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TECHNICAL PROPERTIES AND CHARACTERISTICS

Basis	Water based, inorganic
Ph	7,9-8,6
Maximum admitted air humidity	Maximum of 80% r.H
Density	1.06 g/cm ³
Application temperature	Min. +5 °C, max. +55 °C
Consumption:	50 - 150 gr per M ² in 2-3 applications. Depending on substrate
Applications:	Minimum of 2 applications

Substrate Preparation:

- The surfaces should be free of water, dust, oils, dirt, salts, other finishes and residues.
- PH should be between 7 - 8.
- Air temperature between 10°C and 30°C.
- Residues from curing compounds, sealers, upcomming moist, acids, salts and other compounds may affect the sealer.
- Do not use prep cleaners containing soy or d-Limonene as these interfere with adhesion of water-borne sealers.
- Do not apply over concrete treated with hardeners or densifiers, without testing the effectivity first. Many hardeners contain components that reject/repel waterborne products.
- Preferably use SIBCLEAN CS to clean the floor of mechanical cleaning with water before sealer application.

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APPLICATION:

1. Apply Prosib 330 after the final stage of polishing.
2. The preferred application method is a pump-sprayer and short haired roller. Use one roller damp and a second roller dry.
3. Shake and mix well before using
If surface is tight dilute the product with 50 % water in the first application. Make a sample first to determine the best way to apply the product for the right finish.
4. Spray PROSIB 330 in an even mist and extend immediately using short haired roller. Pass over with a second dry roller to avoid roller marks. Use smaller rollers for corners and edges.
5. Work fast spreading the product evenly.
For the best application work in teams with 3 persons. One person spraying the sealer on the floor. The second person going right after extending the product with a moist roller and a third person going right after removing marks and excess of product.

A single application will often result in partial protection of the surface due to difference absorbency, so a 2nd application diluted with 30-10% water or pure is recommended when the 1st coat is print free (typically less than 1 hour).

Drying between coats is very important for PROSIB 330 to work well, and heavier applications take much longer to dry.

On polish surfaces the recommended minimum consumption is about 600 gr/m². Bellow this consumption the floor could have poor protection.

If the floor is tight we recommend to apply 3 times with a heavy diluted solution to allow the sealer to penetrate. It is always important that the final consumption is minimum 60 gr/m².

PROSIB 330 can be burnished after application to "adjust" the final appearance, using a white pad. You get best result with low or medium speed - high speed can in some cases burnish the sealer.

Incorrect application of the sealer can cause optical variation in the surface. Therefore it is important to carry out a sample. The sample should be applied at least one day before, to see the result after curing. For additional protection apply SIB OIL 2 K

Maintenance

Prosib 330 with SIB OIL 2K is easy to maintain with daily wash with scrubberdryer and cleaning pads. Reapplication with SIB Oil 2K can be necessary depending on use.

Use PH neutral cleaning agents.

ADDITIONAL INFORMATION:

Wash tools with clean water immediately after using them.

FREEZE WARNING. Keep from freezing

Each application should be allowed to dry completely before applying the next.

Let the floor dry minimum 72 hours after the sealer application, before washing the floor with water.

Make always a small sample to see how the sealer perform. Several conditions influence on a good reaction of this product on the surface.

All floors need maintenance. Ask our technical department for the maintenance programme.

Do not apply on non-absorbent surfaces. Please protect glass, tiles, clinker and all areas where the sealer

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should not be applied against splashing of material!

PRODUCTION, PACKAGING, STORAGE, SAFETY AND VALIDITY

Available as 10, 20 litre canisters or 200 litre Drums or 1000 l IBC. The product can be stored in its original containers for 12 months in dry and temperature controlled areas (not below 0 °C).

Recommended storage is between 10 – 25 °C).

After long time storage lumps can occur in the material. If you have lumps in the material you can sieve it before use. It will not affect the performance.

Safety and Health:

Use adequate PPE: waterproof gloves boots and goggles.

Avoid contact with skin and eyes; prolonged contact may cause skin irritation.

Do not drink, eat or smoke while handling the product.

Non ammalable and non-explosive product.

See the complete product MSDS.

LIMITED WARRANTY:

SIB, Sociedade Industrial De Britagem De Pedra, LDA warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of SIB's responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. SIB shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.