

SIBECO FILLER

Pore filling for concrete and mortars

AT GLANCE

Strong adhesion

Easy application

Indoor and outdoor use

Suitable for SIB floors

Wide color range



Manufacturer
SIB, Sociedade Industrial
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DESCRIPTION

SIBECO FILLER is a binder and pore-filler that can be applied on porous mineral floors. It is made with special fine aggregates that fill the pores or holes on surfaces that are to be ground and polished. SIBECO FILLER is a product made from Portland and special cements, selected aggregates and special chemical additives.

FIELDS OF APPLICATION:

SIBECO FILLER can be used indoor and outdoor on SIB's products and other mineral surfaces.

TECHNICAL PROPERTIES AND CHARACTERISTICS

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|---------------------|--|
| Density | 1,3 |
| Mixing rate | 25 – 30% (0,25 - 0,3 l of water per 1 kg of SIBECO FILLER)* |
| Consumption | 0,05 – 0,5 kg/m ² (depends on the porosity of the surface) |
| Opening time | 10 min to 1 h The opening time depends on many factors, from wind to support and air temperature. In addition, it also depends on the temperature of the product and the water. We always recommend performing a sample on a small area before application. |
| Drying time | 4 – 12 h |

*The percentage of water and technical results may vary depending on site conditions, age of SIBECO FILLER and pigments used.

Ambient temperature, support and product: 5 to 30°C (41 to 86°F) – Outside of this range, the application, aesthetic or mechanical properties of the product, as well as its adhesion can be altered.

SUPPORT PREPARATION

Before application, ensure that the surface is totally clean and dry. It is important that there is no dirt or water in the pores. Cleaning with a powerful scrubber dryer with brushes. Additional brushing helps to get the dust out of the pores.

If dry cleaning is used, use a strong vacuum cleaner. Brushing the floor or using a compressed air gun will help to get the dust out of the pores. Do not use pads.

APPLICATION

SIBECO FILLER should be applied after grinding with metal diamonds or after the first polishing with phenolic diamonds.

Prepare the work area to ensure continuous application. A more uniform application will be achieved if the product is applied continuously.

Mix SIBECO FILLER with water with a slow speed drill mixer until a fluid homogeneous and easy to work paste is obtained.

Pour SIBECO FILLER on the floor and work it into the pores with a trowel or a grout disc machine. Make sure that all pores are well filled, going over the same spots several times.

The material should be used to fill the pores, but do not leave a film on the surface. For a good and homogeneous result do not leave excess material on the floor and make sure it is scraped off. Excess material may cause staining on the floor.

After 6 to 24 hours continue the grinding process with the same grit used before the application of SIBECO FILLER. Repeat the pore filling process if necessary.

PRODUCTION, PACKAGING, STORAGE AND EXPIRY DATE:

SIBECO FILLER is available in 20kg (44,1 lbs) buckets.

The product can be stored in its original packaging for 12 months in a dry place at a controlled temperature (not below 0°C/32°F). Recommended storage is between 10 and 25°C (50°F and 77°F).

COMPLEMENTARY INFORMATION:

Support preparation is essential for a good result. The flatter and more level the support, the better the end result.

Note that this product is a mineral product. The colors of SIBECO FILLER are not always uniform, a typical characteristic of this type of product. In addition to the inherent nature of this type of product, differences in tones and marks can also be caused by the way the product is applied, differences in temperature and substrate. To ensure a uniform appearance, it must be applied continuously without interruption. Attention to slight color differences due to the use of different production batches. Ensure that the application can be carried out with the same production batch.

Product colors are not fully compatible with the RAL code and therefore should only be considered as estimated ratings. The final color of the product must be validated by a physical sample before starting the application. Always perform a test sample to see if the requested color matches the color supplied. SIB is not responsible for manufacturing errors after application.

Wash tools with clean water and dry them before and immediately after use.

Before using SIB products, consult applicable data sheets, protocols, product labels and safety data sheets. On request from your consultant.

It is the user's responsibility to read the instructions and warnings for any SIB product before using it. The valid updated data sheet can be found at www.sibland.company.

WARNING:

Use suitable PPE: impermeable gloves, boots and protective goggles.

Use material only in well-ventilated areas. Exposure to cement dust may irritate eyes, nose, throat and the upper respiratory system/lungs. Silica exposure by inhalation may result in the development of lung injuries and pulmonary diseases, including silicosis and lung cancer. Seek medical treatment if you experience difficulty breathing while using this product. The use of a NIOSH/MSHA-approved respirator (P, N- or R-95) is recommended to minimize inhalation of cement dust. Skin contact with dry material or wet mixtures may result in bodily injury ranging from moderate irritation and thickening/ cracking of skin to severe skin damage from chemical burns. If irritation or burning occurs, seek medical treatment. Protect eyes with goggles or safety glasses with side shields. Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact with cement dust, immediately wash off dust with soap and water to avoid skin damage. In case of skin contact with wet concrete, wash exposed skin areas with cold running water as soon as possible. In case of eye contact with cement dust, flush immediately and repeatedly with clean water, and consult a physician. If wet concrete splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

See the complete Product Safety Data Sheet.

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. In order to obtain all the results and technical properties of the products, all SIB specifications and instructions on transport, storage, use, application and maintenance must be fully complied with, otherwise, SIB does not guarantee the technical results and properties of the products.

The warranty does not cover scratches, which are normal for this product. The guarantee is associated with correct maintenance procedures. This warranty does not apply and SIB is not responsible for small surface marks and color variations. Due to the raw materials used in the manufacture of the products, small surface marks and/or color variations may occur. These are not considered product defects as they are inherent to the manufacturing process.