

# Filler In

Porefilling for Concrete & mortars

JUNE 2018

## AT A GLANCE

### Manufacturer

SIB, Sociedade Industrial  
De Britagem De Pedra, LDA

Strong bond

Fine penetrating aggregates

Can be mixed in situ

Can be adapted to all Sibland Floors

Long opening time

Simple to use

SIBCOLORMIX

## DESCRIPTION:

SIBFILLER IN is a binder and pore-filler which can be applied on porous mineral floors. It is made with special fine aggregates that fill the pores or pinholes on surfaces that are to be ground and polished. SIBFILLER IN is a product made from Portland and special cements, selected aggregates and special chemical additives. SIBFILLER IN is designed for SIBLAND's indoor product range.

- Opening Time: 10 min to 1 hour (depending on the temperature)
- Drying Time: 4-12 hours
- Density: 1300 g/lt
- Consumption: 0,100-0,500 kg/m<sup>2</sup> (depending on the porosity of the surface)
- Water of 30-40%
- Mixing: The slurry needs to be a fluent and lump free cement paste.

## APPLICATION:

The surface should be totally clean and dry, before applying the SIBFILLER IN. It is important that there is no dirt or water in the pores. The best way to clean the floor is repeated cleaning with a scrubber dryer with brushes. Additional brushing helps to get the dust out of the pores. Make sure that the Scrubber dryer is in good conditions and has a strong and well functioning vacuum.

If dry cleaning is used, it must be done with good and 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.

- The SIBFILLER IN should be applied after grinding with metal bond diamonds (100/120 grit) or after the first grind with 50 or 100 grit resin.
- SIBFILLER IN powder is then mixed with water with a slow speed drill mixer until you have a fluid homogeneous paste with good workability.
- Apply the filler on the floor and work it into the pores with a trowel or a swing machine with flexible plastic blades.
- Make sure that you work the material well into the pores, going over the same spots several times.
- The material should be used to fill the pores, but not leave a film on the surface.
- For a good and homogeneous result it is essential that you have no excess on the floor and that all excess has been scraped off. Excess material may cause staining on the floor.
- After 6-24 hours you continue the grinding with the same grit as before the porefilling. Repeat the porefilling process if necessary.

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## IMPORTANT NOTE

SIBFILLER IN should be matched to the colour of the floor. SIBFILLER IN is a neutral white powder with added pigments and it is normal that adjustments must be carried out on the jobsite. The test should be made following all the steps in the pore filling process. This is of vital importance in order to verify that the filler has the desired colour and to be able to adjust it before the application.

There are several factors that influence the colour on cement based products, like the curing, weather conditions, type of diamond used, gloss level, type of surface etc. Therefore, even if we intend to make the filler as close to the floor colour as possible, it will normally be necessary to do a small adjustment on site.

Excess of application can leave marks on the floor, so it should be avoided.

## Production, packaging, storage and validity

Packing: 20 kg-bags. The pigments for the adjustment of the colour of SIBFILLER IN are manufactured and packed together with the filler.

Store in a dry place at stable temperatures protected from direct sunlight. If the product is stored properly, as described above, the shelf life is 12 months from the date of production.

## Cleaning

The tools can be cleaned with water within the first 30 minutes of finishing the work. The tools are easy to clean with a sponge or soft brush.

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## WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES.

SIBFILLER IN does not cause dust, during application, but you need to take traditional precautions when you sand the material after curing.

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. Eat and drink only in dust-free areas to avoid ingesting 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.

## 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.