

# Sibduro 360

## silicate sealer

JUNE 2019

## AT A GLANCE

### Manufacturer

SIB, Sociedade Industrial  
De Britagem De Pedra, LDA

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



## DESCRIPTION:

SIBDURO 360 is a special designed silicate sealer for the ECO CRETE product range. It penetrates deep into the substrate where, through chemical reaction, it consolidates and protects against penetrating moisture and chemical stress. SIBDURO 360 is an essential part of the ECO CRETE flooring system.

## PROPERTIES AND AREAS OF APPLICATION:

- Silicate technology
- Environmental friendly
- Water Vapor permeable
- VOC and APEO-free
- Solidifies the substrate and increases the chemical resistance
- Reduces surface abrasion
- Odorless
- Protection against efflorescence
- Waterproof up to 2.5 bar after 1 day
- Makes SIB ECO CRETE Fire and Heat resistant
- Indoor and outdoor use
- Permanent protection against ground water, salt water and strong chemical stress
- Protection against carbonation
- For protection and restoration of drinking water reservoirs, sewage plants and wastewater pipes
- Suitable for concrete, facades, walls, cellars, horizontal barriers, pipes and all cementitious substrates

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## TECHNICAL PROPERTIES AND CHARACTERISTICS

Basis	Water based, inorganic
Ph	11.5
Maximum admitted air humidity	Maximum of 80% r.H
Density	1.1 g/cm <sup>3</sup>
Viscosity	100 mPas
Application temperature	Min. +5 °C, max. +55 °C
Consumption:	50 - 800 gr per M <sup>2</sup> in 2 Depending on substrate
Applications:	Minimum of 2 applications

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### SUBSTRATE PREPARATION

SIBDURO 360 is applied on one day old ECO CRETE, before the floor is finished with sanding, grinding or polishing.

### APPLICATION:

SIBDURO 360 has to be sprayed undiluted on the substrates. It is brushed/rolled on into the surface. It should be applied at least twice (wet-on- wet), to ensure that the entire floor has been saturated and impregnated without puddles or sacking on the floor.

On decorative surfaces made from products in the ECO CRETE Series, the floor should be misted with water before the application of SIBDURO 360. Do not leave puddles. The water should be distributed evenly with a micro fiber mop. Too high concentration of SIBDURO 360 may stain the floor and cause efflorescences.

Every application has to penetrate completely into the substrate. The application should be repeated until the substrate is saturated. Excess should be avoided and cleaned up. The surface must be protected against rain and moisture for 24 hours after application.

If the floor is covered during the first week after application make sure that it is covered with breathable materials. After 7 days, an air-tight cover is possible.

Incorrect application of the product 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.

### SPECIAL PRECAUTIONS

On decorative surfaces we recommend testing a sample on a small area. The sample should be made at least one day before application. If used on decorative floors made with SIB ECO CRETE product range, the floor should be misted with water before the application of SIBDURO 360. Too high concentration of SIBDURO 360 may stain the floor and cause efflorescences.

Do not apply on non-absorbent surfaces. Please protect glass, tiles, clinker and similar against splashing of material!

Aluminum cannot come into contact with the material. Staining must be washed off immediately with water. When the work is interrupted, the tools should be cleaned. It is important to ensure that SIBDURO 360 does not stain the surface prior to application.

Drips from tools or marks from footwear with SIBDURO 360 can cause efflorescence marks on the floors.

### TOOLS AND CLEANING

All equipment like brushes, paint roller or sprayers should be washed clean and dried before and after application.

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### PRODUCTION, PACKAGING, STORAGE, SAFETY AND VALIDITY

Available as 10, 20 litre canisters or 200 litre Drums or 1000 IIBC. 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).

Reseal opened containers immediately and use within a very short time.

SIBDURO 360 is an alkaline liquid. Please refer to the Material 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.