

## 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 an innovative silicate sealer. It penetrates deep into the substrate where, through chemical reaction, it consolidates and protects against penetrating moisture and chemical stress.

## 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

## 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

# Sibduro 360

## silicate sealer

MARCH 2018

### SUBSTRATE PREPARATION

The substrate has to be absorbent, free of dust, loose particles, oils, fats and other impurities. Chalk and sandy components must be removed before the solidification using an efficient industrial vacuum cleaner. Coatings and/or render should be stripped off. Concrete and other cementitious substrates must have a minimum age of at least 2 days.

### 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.

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.

\*ATTENTION: When SIBDURO 360 is applied in combination with SIBDURO LL420.

SIBDURO DW360 has to be applied first. After sufficient drying (surface should not be wet) the following application with SIBDURO LL420 has to be applied. For optimal results, both sealers have to be applied within the same day.

Incorrect application of the two products 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 Micro Crete 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 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).

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.