

BETOCRIL

Acrylic sealer for coating cementitious floors.

BETOCRIL is a single component sealer based on acrylic resins in dispersion for coating or priming concrete or mortar cementitious substrates. Specially designed for coating self-levelling and concrete floors.

FIELDS OF APPLICATION

- Anti-powder treatment for cement pavements in private basements, garages and car parks.
- Protecting floors made with self-levelling mortars.
- Seal for printed concrete applications.
- Protective transparent coating for concrete structures.
- Application outside and inside.

PROPERTIES

- Excellent penetrability and adhesion strength in concrete and mortar substrates.
- Very good mechanical strength to pneumatic tread marks.
- It does not modify the appearance of the substrates, and leaves a natural finish.
- Impermeable to water and grease.
- Breathable. Permeable to water vapour.
- Excellent resistance to water stains resulting from waterlogging, 8 hours after it has been applied.
- Easy to apply, maintain and clean.
- It does not turn yellowish.
- Non-toxic, solvent-free, odourless.

HOW TO USE

Preparing the substrate:

The substrate must be firm, clean, free of any loose, brittle elements, as well as other substances like grease, oil or other pollutants. To do this, any remains of such substances will have to be removed. Remove the dust by vacuuming.

The concrete substrates must be prepared using mechanical means (diamond polishing) so as to remove the surface slurry and obtain an open pore and textured surface.

The substrate can be damp, but not wet.

Mixing:

BETOCRIL it is ready to use, and therefore does not need any water added, or any other component, however it must be mixed before use.

Application:

Apply to the substrate directly, using a brush, roller or gun.

It can be applied in one or two coats, depending on the condition of the substrate, although it is always advisable to use two coats.

Do not apply in full sunlight, or on substrates with high temperatures.

Respect the amounts so as not to leave excesses or puddles of material.

Tool cleaning:

The tools are to be cleaned with water immediately after use. Once hardened, it can only be removed mechanically.

COVERAGE

The approximate amount of **BETOCRIL** used is 100-150 g/m² according to the porosity and condition of the substrate.

PACKAGING

5 kg and 25 kg carboys.

STORAGE

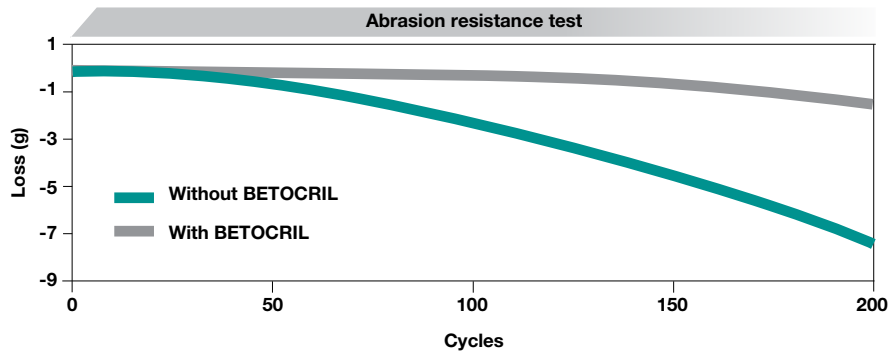
12 months, in its original closed packaging, in a cool, covered place, protected from humidity, sunlight and freezing temperatures.

INDICATIONS TO TAKE INTO CONSIDERATION

- The ambient temperature is to be between +5 °C and +35 °C.
- The temperature of the substrate must be between +10 °C and +30 °C.
- The relative humidity of the air must not be more than 80 %.
- The substrate concrete's tensile strength must be at least 1.5 N/mm² and its compression strength at least 20 N/mm².
- Do not apply to wet substrates.
- Do not add water, solvents or other substances that may affect the properties of the material.
- Correct substrate analysis and preparation when implementing pavements, conditions its final quality and to a large extent, its durability.

TECHNICAL DATA

Type	Acrylic resin dispersion
Appearance	Whitish liquid
Content in dry solids	22 %
pH	8
Density	1.0 g/cm ³
Viscosity at 25 °C	200 cps.
Application temperature	From +5 °C to +35 °C
Dry at 25 °C	45 min
Content in Volatile Organic Compounds (VOC)	≤1000 µg/m ³



Taber abrasion resistance test on H2O concrete and on H2O concrete with 2 layers of 100 g/m² of Betocril.

HEALTH AND SAFETY

All the information about conditions of usage, use, storage, transport and removing chemical waste is available on the product Safety Data Sheet.

The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

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LEGAL NOTICE

The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any product applications not indicated in this file. The dosage and consumption data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosage and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any doubts or require additional information, please contact our technical department. December 2016.



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