

# BETEC™ Seal SC



Two-compound, cementitious coating for waterproofing of new and existing non-exposed non-critical applications

## Product Description

BETEC™ Seal SC Liquid used with BETEC Seal SC Powder reacts with concrete by process to form a two-part, permanent, slightly flexible, BETEC Seal SC waterproofing system.

BETEC Seal SC Liquid being a milky white, carboxylised styrene butadiene latex liquid, is used with BETEC Seal SC Powder to improve workability in the mix in order to achieve optimum adhesion to the substrate, to improve elasticity and control shrinkage on setting, to avoid early water loss during the setting process, and to avoid salt efflorescence and increase abrasion resistance.

## Typical Applications

- Rigid basement walls and floors
- Bathroom, balcony, wet area and planter box
- Lift pits
- Concrete tanks
- Concrete water-retaining structures
- Stairs
- Monolithic concrete planter boxes

## Product Advantages

- Resists both positive and negative water pressure
- Easy application, fast mixing by paddles
- Low water absorption and good water resistance
- Good adhesion to correctly prepared concrete, masonry and rendered substrates

## Mixing

- Pre-stir the BETEC Seal SC Liquid before mixing.
- Always add the BETEC Seal SC Powder to the BETEC Seal SC Liquid. The mixing time is approximately 2 – 3 minutes.
- DO NOT USE PART MIXES. DO NOT ADD EXTRA WATER, CEMENT, SAND OR OTHER MATERIALS TO BETEC SEAL SC.

## Application

The substrate before waterproofing must be sound, clean and free from irregularities, sharp projections, loose particles, dirt, oil and contaminants. Brick and masonry surfaces shall be smooth and joints shall be filled with cement filler.

BETEC Seal SC is applied in two coats using brush or trowel. Apply the first layer only horizontally, and then apply the second layer only vertically. Alternate the direction for subsequent coats.

Leave each coat to become tack-free (2 to 6 hours depending on climatic conditions), then apply subsequent coats at the same thickness / consumption rate as the first. Avoid damaging the first coat during application of the second coat.

Clean all brushes, rollers, trays, mixing containers and surrounding areas with clean water before the product sets.

## Physical Properties

Property	Typical Values	Test Standard
Compressive Strength (3 days)	>7N / mm <sup>2</sup>	ASTM C109
Tensile Strength	>1.2N / mm <sup>2</sup>	ASTM C307
Adhesion Strength	>1.2N / mm <sup>2</sup>	ASTM D4541

## Coat Thickness and Consumption

Number Of Coats		Total Consumption Per m <sup>2</sup>
2	1kg	2kg

Above consumption figures assume a smooth surface and excludes allowance for wastage.

## Supply

Product	Pack Size	Shelf Life
BETEC Seal SC Powder	30kg bag	12 months storage under dry, cool condition
BETEC Seal Liquid	10kg pail	12 months storage under dry, cool condition

## Health & Safety

Safety and Handling: Read and understand the product label and Safety Data Sheet (SDS) for each system component. All users should acquaint themselves with this information prior to working with the products and follow the precautionary statements. SDSs can be obtained by contacting your local GCP representative or office.

## Technical Services

For assistance with working drawings for projects and additional technical advice, please contact your local GCP representative.

## Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice.

[gcpat.com](http://gcpat.com) | For technical information: [asia.enq@gcpat.com](mailto:asia.enq@gcpat.com)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

BETEC is a trademark, which may be registered in the United States and/or other countries, of GCP Applied Technologies, Inc. This trademark list has been compiled using available published information as of the publication date and may not accurately reflect current trademark ownership or status.

© Copyright 2021 GCP Applied Technologies, Inc. All rights reserved.

GCP Applied Technologies Inc., 62 Whittemore Avenue, Cambridge, MA 02140, USA.

PT GCP Applied Technologies Indonesia, Cikarang Industrial Estate Kav C-32, Cikarang, Bekasi 17530.

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Alpharetta, GA 30009, USA

PT GCP Applied Technologies Indonesia, Cikarang Industrial Estate Kav C-32, Cikarang, Bekasi 17530

This document is only current as of the last updated date stated below and is valid only for use in Indonesia. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on [www.gcpat.id](http://www.gcpat.id). Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2022-11-24

[gcpat.id/solutions/products/betec-grouts-and-cementitious-mortars/betec-seal-sc](http://gcpat.id/solutions/products/betec-grouts-and-cementitious-mortars/betec-seal-sc)