

technical data sheet

PAVESEAL SB

Acrylic Resin based Protective and Anti-Carbonation Coating for Concrete & Masonry Surfaces

PRODUCT

Bostik Paveseal SB is a **clear** one component acrylic (methacrylic) resin acrylic surface coating, sealer and hardener for concrete and masonry surfaces

DESCRIPTION

Bostik Paveseal SB is a high performance solvent based clear acrylic coating for a protective and decorative coating for concrete and masonry. Suitable for use on all types of structures whether they be new or old, providing a waterproof clear gloss finish, hard wearing and durable. It provides a tough layer to a variety of surfaces. Paveseal's SB UV filter ensures a finish that is durable under Australia's harsh weather conditions. Available in clear.

Paveseal SB protects concrete from aggressive atmosphere, moisture ingress and carbonation. Paveseal SB dramatically reduces the penetration of carbon dioxide through to the concrete, while at the same time allows the concrete to breathe.

RECOMMENDED USES

- Suitable for use on bricks, clay paves, pattern paving, concrete, masonry, pebble finishes, sandstone, slate, unglazed tiles and primed metal surfaces free of dust.
- Can be used with Aquashield SB40 to form a complete concrete protection system.
- Warehouse floors, carparks, light industrial buildings.
- Suited as a final protective coating in concrete repair and building façade refurbishment work to stop the process of carbonation, aggressive ion ingress and other atmospheric contamination.
- Water vapour permeable.
- Barrier for carbonation and chloride ion ingress.

FEATURES & BENEFITS

- Rapid drying surface coating for commercial/domestic and interior and exterior applications.
- Provides optimum adhesions, durability and enhanced surface grip.
- Protects surfaces from the spillage of food, grease and oil.
- Excellent U.V resistance and weather resistance.
- Carbonation coating, low carbonation permeation.
- Prevents moisture ingress.
- Available in clear.
- Protects concrete against acids and algae.
- Easy cleaning and easily overcoated when eventual maintenance is required.
- Expected service life is greater than 10 years.
- Excellent resistance to yellowing.
- Australian made.

PERFORMANCE PROPERTIES

TEST	RESULT
Colour	Clear
Finish	Clear viscous liquid
Specific Gravity	1.04 approx
Flash Point	12°C
Recoat Time	3 hours at 20°C
Full Cure	Pedestrian 4hrs, vehicle 24hrs

PACKAGING

Paveseal SB is available in 20 litre and 4 litre pails.

COVERAGE

Approximately 5 –6sqm per coat on porous surfaces.

DRYING TIME

Touch Dry	2 hours	Re-coat	3 hours
Foot Traffic	4 hours	Vehicle Traffic	24 hours

APPLICATION INSTRUCTIONS

Surface Preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss algae growth, laitance and all traces of mould release oils and curing compounds. This is best achieved by lightly grit-blasting the surface, high pressure water blasting is also effective in removing contamination.

Moss and Mould – Treat with household bleach. Allow 2-3 hours. Scrub and rinse thoroughly with clean water. Allow to dry.

Concrete – Allow new concrete to cure for 28 days. All concrete surfaces must be etched to achieve good adhesion. After etching wash the surface thoroughly with water and allow to dry.

It is essential to protect an unbroken coating of Paveseal SB. To ensure this is achieved, surfaces containing blow-holes or similar areas of pitting should first be filled using

Bostik Patchfix Render, a cementitious fairing coat (for further details, refer to Technical Data Sheet). Patchfix Render should be allowed to cure for approximately 48 hours dependent on ambient conditions before the application of Paveseal SB.

The surface must be dry and moisture free prior to application of Paveseal SB and Aquashield SB40.

Any areas of glass should be masked. plants, grass, joint sealants, asphalt and bitumen painted areas should be protected during application.

PRIMING

Paveseal SB does not normally require the use of a primer, however to obtain a complete concrete protection system the use of Aquashield SB40 is recommended prior to application of Paveseal SB.

Aquashield SB40 is supplied as a clear liquid single component penetrating silanesiloxane dissolved in an organic carrier. Aquashield SB40 is reactive and capable of producing a chemically bound hydrophobic barrier, thus inhibiting the passage of water and water-borne contaminants.

Aquashield SB40 should be applied in one or more coats until the recommended application rate has been achieved. Aquashield SB40 may be applied by brush, roller or spray application. Aquashield SB40 should be allowed to dry for a minimum of two hours at 20°C prior to application of Paveseal SB. Do not apply Paveseal SB to a wet or semi-dry surface of Aquashield SB40.

Aquashield SB40 is recommended as a primer prior to application of Paveseal SB for;

- Substrates that have exposure to marine or salt environments, such as splash and tidal zones.
- Extremely porous and 'boney' concrete is present, this will help achieve a uniform even finish of the Paveseal SB.

MIXING

No mixing required, use straight from container.

DO NOT DILUTE WITH SOLVENTS

PLACING

Paveseal SB may be applied using a brush, roller or spray application. All surfaces should be treated with two coats of Paveseal SB and applied until a uniform continuous coating is achieved with a minimum coverage rate of 5 sqm per litre per coat.

Second and subsequent coats may be applied after 2 hours, at 20°C, after the first coat has dried. Paveseal SB may be over coated the following day, however ensure the surface is clean and free from contamination, any dust or foreign matter on the surface will effect the ultimate bond between coats.

Avoid application in hot windy conditions or when the temperature is likely to fall below 10°C during the drying period. Use a high quality brush or roller.

PRECAUTION

- Paveseal SB is not recommended for glazed tiles, asphalt, linoleum, rubber, timber, vinyl, areas exposed to direct flame or heat.
- If you require a slip resistant surface use Paveseal SB Textured
- Paveseal SB is not suitable for use as a floor or wall treatment for areas that are permanently wet or in immersed conditions.
- Not for immersible applications.
- Paveseal SB is not a waterproofing compound.

P.A.T.S (Pretested Adhesion To Substrate) Programme

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

HEALTH AND SAFETY

Product should only be applied where under conditions of good ventilation and should be kept away from sensitive areas of the body as prolonged exposure may cause skin and/or respiratory irritation.

- Protective mask and safety glasses should be worn for spray application due to atmospheric particulates.
- Avoid contact with the skin, eyes and avoid breathing its vapour
- Wear protective gloves when mixing or using
- If poisoning, occurs, contact a doctor or Poisons Information Centre
- If swallowed, do not induce vomiting, give a glass of water
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly
- If in eyes, hold eyes open, flood with water for a least 15 minutes and see a doctor
- For more detailed information refer to the MATERIAL SAFETY DATA SHEET.

CLEAN-UP

Wash equipment and clean up incurred material immediately using Bostik Solvent 9907. Do not use solvents on skin. Cured Paveseal SB is difficult to remove via chemical means and mechanical means may be necessary.

STORAGE

Store below 45°C in a cool, dry area out of direct sunlight. Shelf life is 12 months in original unopened container.

FIRE

Paveseal SB is Flammable.

ITEM NO.	STOCK SIZE	COLOUR
PAVESEAL SB		
289450	4 Litre	Clear
289469	20 Litre	Clear
AQUASHIELD SB40		
289426	4 Litre	Clear
292443	20 Litre	Clear
292990	200 Litre	Clear

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.

ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK AUSTRALIA PTY LTD

FOR FURTHER INFORMATION



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