

Description

Resbuild Driveseal is a single pack, solvent borne, Acrylic resin-based, surface sealer and dust-proofer for concrete and block paving.

When applied to freshly placed concrete Resbuild Driveseal functions as a curing membrane, reducing any tendency towards drying shrinkage cracks.

At the same time the surface becomes sealed against the ingress of oils and many aqueous chemicals, and a harder wearing floor is produced.

When applied onto old concrete or blocks, Resbuild Driveseal penetrates into the pore structure thereby sealing and dust-proofing the surface.

Typical Uses

As a curing/sealing treatment to new concrete, and as a sealing/dust-proofing treatment to old concrete and blocks to provide a sealed and dust-proof surface with resistance to the ingress of oil, petrol and chemical spillages.

Advantages

- Easily applied by brush, roller or spray.
- Single pack – ready to use
- Good chemical and abrasion resistance
- Seals and dust-proofs the surface
- Resistant to ultra violet radiation
- Provides easily cleanable floor surface
- Internal and external use

Typical Properties

Appearance: Pale straw coloured liquid with characteristic odour

Pot Life: 25-30 minutes @ 20°C

Tack free time: 2-4 hours @ 20°C

Hard dry time: 24 hours @ 20°C

Chemical Resistance: Resistant to spillage of dilute mineral acids, caustic alkali solutions, vegetable oils, de-icing salts, petrol, oil, brake fluid, etc.

Packaging

Resbuild Driveseal is supplied in 25ltr and 200ltr drums

Procedure

Surface Preparation

- a) Old concrete and block paving shall be sound and free from oil, grease, laitance and other contaminants. Previously applied paint or curing membrane must be removed. If required, wash the floor with a detergent followed by a clean water wash, and then allow to dry prior to sealer application.
- b) New concrete – Resbuild Driveseal may be applied 15minutes after the final power float or brush finish, or at any appropriate time thereafter.

Application

Old concrete – Apply a coat of Resbuild Driveseal by brush, roller, squeegee or spray at a nominal rate of 8-9m²/ltr. Avoid the formation of puddles of excess material. After a minimum of 12 hours a second coat shall be applied at a rate of 11-12m²/litre. NOTE: on very porous substrates a third coat may be necessary.

New Concrete – Apply Resbuild Driveseal by spray at a nominal rate of 5m²/ltr. Ensure that the material is applied evenly and avoid the formation of puddles of excess material on the surface. In hot and/or windy conditions, a second coat of Resbuild Driveseal should be applied at a rate of 8-10m²/ltr.

Block Paving – Ensure material is applied to fully seal the surface. Coverage is dependent on the porosity of the block.

Equipment Cleaning

Clean equipment with Resbuild Toolclean prior to curing of the coating.

Curing

Resbuild Driveseal will be tack free in 2-4 hours and hard dry after 20-24 hours in conditions of good ventilation.

Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

Do not expose to freezing conditions.

Resbuild Driveseal has a minimum of 12 months shelf life when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

Coverage is very much dependent on the porosity of the substrate.

New concrete – typical application rate is 5m²/ltr per coat. A second coat is recommended under fast drying ambient conditions

Old concrete – for a smooth power floated concrete the typical application rate is 8-9m² first coat, 11-12m² second coat. i.e. overall rate = 4.6-5.1m²/ltr for 2 coats.

Block paving – dependent on the type of block – typically 2-4m²/ltr.

Limitations

Do not apply to wet or uncured concrete surfaces.

Do not apply externally if rain is likely during application

Do not apply at temperatures of 3°C or less.

Health and Safety

Avoid contact of the material with skin and eyes.

Wear gloves and goggles

Wash off splashes immediately with soap and water.

Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information

Resbuild Driveseal shall be applied strictly in accordance with the manufacturers instructions

For specific advice regarding any aspect of this product, please consult our Technical section.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).