

RoofSeal

Description

The Roofseal Acrylic system embraces a primer/bonding coat, an impregnating Roofseal coat, a very tough spun bonded polyester membrane, a second impregnating Roofseal coat and, when all work is dry (minimum 3 days), a final Roofseal coat. Roofseal is waterproof, very durable and ultra-violet light resistant.

Purpose

To provide an extremely durable, easy-to-apply membrane system for concrete roofs which is waterproof but not vapour proof. Slightly damp concrete can thus dry out.

Types

One type only.

Colours

Available in 6 colours.

Applications

Suitable for waterproofing concrete roofs and parapet walls.

Specifying

"Cemcrete Roofseal Acrylic waterproofing system embodying a polyester membrane all applied in strict accordance with manufacturer's instructions."

Specimen Finish

A trial area should be treated on site for the architect's approval.

Maintenance

It is suggested that the system be re-coated with a single full coat of Roofseal every 3 to 4 years.

Suitable Surfaces

Concrete, bituminous felt, timber, galvanized iron, asbestos cement and foam cement.

Site Work

Storage

Can be stored, unopened, for 12 months. Protect from freezing.

Weather

Do not apply if rain is expected or if there is a risk of frost within 24 hours after application.

Surface preparation

Remove all dirt, grease and loose material. In certain cases such as galvanised iron, old bitumen, timber, etc., it is advisable to prime the surface with Cemcrete Bitumen Primer instead of with Roofseal Acrylic Primer. The surface should be wire-brushed and swept clean before application of the primer.

Mixing

Both Roofseal Acrylic Primer and Roofseal are supplied ready for use. Mix thoroughly.

Application

When surface is clean and dry, prime liberally and carefully with Roofseal Acrylic Primer using a brush, roller or broom at a rate of 5m²/litre. Allow to dry for at least 3 hours. Apply a liberal coat of Roofseal using a brush or broom over an area of about 1 or 2 linear metres. Roll out and bed polyester membrane into Roofseal and immediately apply a second coat of Roofseal on top of the membrane. Care should be taken that the first coat is wet when the membrane is placed to ensure proper bonding. Repeat until the work is completed. The overlaps of the membrane should be at least 75mm. This operation should be carried out when there is no risk of rain or frost for about 24 hours. Allow the polyester/ Roofseal sandwich to dry out for 3 or 4 days, depending on the weather, and apply a final finishing coat of Roofseal. For intermittent use keep brushes immersed in water. Wash all equipment thoroughly in water.

Coverage

Roofseal Acrylic Primer 5m²/litre.

Roofseal 0.5m²/litre for full application of 3 coats.

Packaging

Roofseal Acrylic Primer and Roofseal in 1 litre, 5 litre and 25 litre plastic drums.

Polyester membrane in 1 metre wide up to 150 metres in length.

The membrane is also available in flashing strips 10 metres long and widths of 100mm 200mm and 300mm.

Technical Information

Cemcrete provides a free comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology.

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