

Cementseal Primer

RIW Cementseal Primer is a multi-functional, water based primer / curing agent, formulated on an aqueous acrylic copolymer.

BENEFITS

- Applied to damp surfaces
- Prevents out-gassing
- Assists with the curing of cement based coatings / mortars
- Seals concrete and masonry substrates
- Environmentally friendly

APPLICATIONS

- Primer for cement based coatings / mortars
- Concrete sealer
- Curing agent

APPLIED TO

- Concrete
- Masonry

DESCRIPTION

RIW Cementseal Primer is an environmentally friendly, multi-functional water based compound, formulated on an aqueous acrylic copolymer. The product chemically reacts with cement, to produce a durable surface seal, which stabilises the substrate and reduces the evaporation of water.

TYPICAL USES

RIW Cementseal Primer provides efficient sealing of horizontal concrete substrates, by stabilising the surface and preventing out-gassing, prior to the application of **RIW Cementseal** or **RIW Cementflex**. The product will also act as a curing agent for newly placed cement based mortars and coatings, by helping to reduce the amount of water evaporating from the surface.

APPLICATION

PRIMER

New concrete substrates generally only require a minimum of 1 day cure prior to treatment. Surface laitance, dust, organic growths and curing membranes must be removed using suitable techniques. Any remaining oil and grease contamination must be removed with a proprietary degreasant. The prepared substrate should be thoroughly soaked with clean water until uniformly saturated, without any standing water.

RIW Cementseal Primer is supplied ready for use and should not be diluted. It should be poured onto the prepared surface and spread to a coverage rate of 5-7m² / litre, using a suitable brush or roller. Allow the material to become a transparent before continuing, typically 30 - 90 minutes. If the **RIW Cementseal Primer** is not overcoated within 24 hours, it must be mechanically removed by blast cleaning or hand held power tools before re-application as above.

Do not apply this product at surface temperatures below 5°C or in wet weather conditions without suitable protection.

CURING MEMBRANE

RIW Cementseal Primer should be applied undiluted onto freshly applied mortars and cement based coatings as soon as possible after finishing, generally within 15 minutes. Apply using a conventional pressure spray with a fine nozzle at 5 - 7m² / litre, taking care to ensure complete and even application. Best results are achieved by holding the nozzle approximately 0.5 to 1m away from the surface, whilst spraying backwards and forwards over small measurable sections (1 to 5m²).

For maximum curing efficiency, if the surface is subject to strong sunlight or drying winds, a second coat should be applied as above, once the first coat has dried and the membrane film has formed. It should be noted that surfaces cured in this way will have an easy to clean.

PERFORMANCE & COMPOSITION

TECHNICAL DATA	
Appearance	Milky white liquid
Curing Efficiency *	65 to 75% ASTM C309
Odour	Faint ammonia
ph	7 - 8
Drying times :	
Primer	30 – 90 minutes
Curing	15 minutes
Flash Point	Non flammable in liquid form
Hazard Classification	Non - hazardous

* Dependent upon application rate and product surface porosity.

The above performance figures are typical values and should not be considered a product specification.

SAFETY

Full health and safety instructions are contained on the product material safety data sheets and these must be referred to before use.

SUPPLY

AVAILABILITY

All RIW products can be obtained through Builders Merchants or approved stockists. A list of approved stockists is available from RIW Ltd's offices.

PACKAGING

Pack Size	5 litre bottle
Coverage	5 – 7 m ² / litre

SHELF LIFE

12 months in dry, frost free conditions with unopened containers at 20° C

TECHNICAL SERVICES

The RIW Technical Department is available to advise on individual projects and to prepare and assist in the preparation and specifications and drawings. A list of experienced applicators of RIW materials is available from RIW Ltd's offices.

The information in this literature was correct at the time of going to press. However, we are committed to continually improving our products and reserve the right to change product specifications.

For the latest information, please consult RIW Limited. Conditions of use are beyond our control, therefore we can not warrant the results to be obtained.



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