



Fosroc® Preco V

Pre-mixed surface revealing agent for use on vertical or horizontal formwork for exposed aggregate finishes

Uses

Preco V is used to reveal aggregate on vertical or horizontal surfaces of freshly placed concrete, by delaying the surface set so the mortar paste may be removed from between the aggregate particles. This product can be painted onto formwork to produce an exposed aggregate finish for ceilings, walls, pre-cast panels or to provide a mechanical key for subsequent renders, mortars, vertical construction joints, etc.

Advantages

- Surfaces treated with Preco V provide an excellent key for bonding of subsequent renders or mortars, without the need for hacking or mechanical scabbling.
- Suitable for most types of standard formwork including plywood, steel and timber.

Description

Preco V is a solvent-based, gel consistency retarder, applied directly to formwork to reveal the aggregate in freshly placed concrete. Typically a reveal depth of approximately 3-5mm can be achieved depending on the thickness of the application and a number of other variables including temperature, time taken to remove the product, and cement content of the mix.

Technical Support

Parchem offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.

Properties

Consistency	Gel
Specific Gravity	approx 1.05 kg per litre
Application temperature	10°C to 30°C
Flash Point	>27°C

Application Instructions

Application

Stir the product prior to use, **do not** dilute contents. Apply an even, heavy coat with a brush or roller directly onto the clean, dry formwork. Allow Preco V to dry for 2-4 hours depending on the temperature. Dried Preco V is not affected by light foot traffic or light showers. The formwork must not have any release agents/oils applied. The applied Preco V must be protected from direct sunlight. When using porous or untreated timber formwork it is recommended that at least 2 coats of Preco V be used for the first application.

For optimal results, formwork should be removed as soon as possible, typically 2 days in warm conditions and up to 3 days in colder weather. If formwork must remain in place for longer; 2 to 3 coats of Preco V should be applied. After removing formwork remove soft cement via light wire brushing or high-pressure wash. Some soft cement paste will adhere to the formwork; this can also be removed via light wire brushing or high-pressure cleaning. It is important to remove soft cement paste as soon as possible, as it can harden quickly once exposed. The concrete should then be cured using suitable methods.

It is highly recommended that a test panel be completed to ensure the required depth of reveal or texture can be achieved. In hot weather conditions or when using high cement content mixes please consult Parchem for advice.

Cleaning

Equipment should be cleaned prior to the material hardening with Solvent 10.

Limitations

Approval test – always pre test on a test panel to determine the thickness of Preco V to provide the depth of reveal or texture required. This is particularly important with fine aggregates such as 6mm and 9mm and with concretes with accelerated set additives such as calcium chloride, heated or steam cured concrete, etc.

In hot weather conditions or when using high cement content concrete please consult Parchem for advice.

Proper curing of exposed aggregate surfaces is essential for maximum strength development.

Supply

15555	20 litre pail
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Coverage

4 - 5m² per litre per coat

Storage

Protect from extremes of temperature. Store between 5°C and 35°C.

Shelf life

Preco V has a shelf life of 12 months if kept in a dry store in the original, unopened packs.

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Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



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