

CHASE CONCRETE FINISH

A polymer modified cement-based coating providing a super-fine finish over rigid masonry surfaces.

PACKAGING	COVERAGE
A dry-mix powder in 13 kg plastic lined, paper sacks	A 13 kg bag of Chase Concrete Finish is expected to cover approx. 5 square metres depending on thickness of application



Description

Concrete Finish is a cement-based topcoat formulated to provide a superfine, subtly mottled finish over rendered masonry surfaces. It is ideal for reproducing a the effect of a natural concrete panel finish. Concrete Finish is applied by trowel then polished to a smooth finish.

Available Grades

GRADE	DESCRIPTION
Concrete Finish Grey	Fine grade with virtually no aggregate. This grade is best applied as the finishing coat as it will result unless scratching and provides a smoother surface
Concrete Finish White	Fine grade with virtually no aggregate. This grade is best applied as the finishing coat as it will result unless scratching and provides a smoother surface.

Composition

Concrete Finish is formulated using portland cement, redispersible polymers, specially graded fillers and selected agents to enhance longevity and application properties.

Suitable surfaces

Concrete Finish is a non-flexible coating and is suitable only for application to rigid masonry surfaces including:

- Rendered brick and block work
- Thoroughly cleaned off-form concrete panels

Concrete Finish is not considered flexible. As such it is not suitable for use on external fibre-cement sheet. Structural movement in brickwork (i.e. joints) and other substrata may result in hairline cracking which will not be deemed a product fault.

Surface Preparation

Concrete Finish has been formulated for application to rigid rendered masonry surfaces. Ensure render is clean and in a sound condition. Render should cure for not less than 7 days prior to the application of Concrete Finish. *Note: Ensure water is not able to enter substrate from behind the render system/ Concrete Finish once applied. Contact with moisture from behind the coating/within the wall will result in dark marks occurring in the finished coating. Ensure all capping is installed and all sources of moisture have been prevented from entering the wall system from behind.*

Preparation

Concrete Finish is prepared on site immediately prior to use by mixing with approximately 5 litres of clean water per 13 kg bag. Add water to a clean mixing container and add Concrete Finish powder slowly whilst agitating with a mechanical stirrer. Continue to add powder until a creamy paste has been achieved. The material will feel firm initially, but then wet up as thorough mechanical stirring continues. Do not use more water than the recommended dose as this may cause excessive shrinkage. Allow the mixed material to stand for 3 minutes before re-stirring prior to application.

Application

Concrete Finish is formulated to provide a thin, smooth trowel finish. For this reason, the surface should be well prepared to accept a 1 mm finishing coat. Concrete Finish is best applied in two (2) thin coats:

- The first coat is applied to the rendered surface with a steel trowel at a thickness of approximately 0.6 mm. Spread to achieve a uniform, smooth coating trying not to leave excessive trowel marks. Allow the material to harden sufficiently so that it is no longer sticky to the touch.
- Apply the second coat, wet-on-green, or wet-on-dry, at around 0.6 mm in thickness and trowel as smooth as possible.

The material should then be allowed to harden sufficiently (no longer sticky to touch) so that it feels slippery under the trowel. If the material still feels grippy under the trowel, it must be left longer prior to finishing. At this point, it can be *lightly* polished flat with a wet steel trowel. Water may be *sparingly* misted onto the surface to aid the finishing process. Caution should be taken to avoid overworking of drying or sticky material. Hard pressure should not be applied until hard set. Overworking and application of excessive water can lead to surface peeling/bubbling during the application process. Final polishing with a steel trowel can generally be completed for some time after hard set has been attained. Total thickness of the finished Concrete Finish coating should be approximately 1.2mm. Avoid application in hot windy conditions as accelerated drying may result in shrinkage cracking, lack of proper mechanical strength development and difficulty in finishing. Moisten porous surfaces with clean water prior to application if rapid set is occurring.

Note: As Concrete Finish is applied and finished by hand, undulations in the surface may be seen during times of extreme glancing-light. In some situations, ultra fine hair cracks may appear (usually only noticeable for a brief period whilst damp). These effects are considered part of the natural character of the product and are not deemed a product or application fault.

Sealing after application

Being a cement based finish, Concrete Finish will absorb moisture and react accordingly by developing streaking and natural discolouration. If weathering effects are not desired, Chase strongly recommends application of a sealer (either a wax or siloxane base) between 2-4 days after application prior to the occurrence of water marking. For further information, contact Chase on 03 8772 2394.

Wash-up

Concrete Finish is a polymer modified cement-based product. All tools and equipment should be washed in clean water immediately following use.

Warranty

This product is automatically covered by a statutory warranty under the Australian Trade Practices Act. You may be entitled to a refund, replacement of goods and/or compensation for any major product failure resulting from goods that have not met a reasonable level of quality and performance given the cost of goods and advertised performance. Chase acrylic paints and textured finishes are not warranted against fading, chalking or colour shift.

This warranty does not cover workmanship or product failure caused as a result of but not limited to hydrostatic pressure, structural/substrate movement and/or lack of adequate care and maintenance.

IMPORTANT NOTE: Chase, its staff and distributors will not accept responsibility for any failure caused as a result of factors beyond our control including but not limited to onsite handling, preparation or application of this product. Application of this product should only be performed by qualified trades people trained in the use of this type of product. Information supplied in this publication is based on our testing and experience and is given in good faith. Suitability of this product should be independently determined prior to use. Warranty is limited to the replacement of any materials proven to be faulty. CHASE will not warrant job defects caused as a result of but not limited to, structural movement or entrapped moisture.