

CHASE GP MEDIUM RENDER

Polymer modified cement-based render for application over rigid and porous masonry-based surfaces.

PACKAGING	COVERAGE
A dry-mix powder in 20 kg plastic lined, multi-walled paper sacks	A 20 kg bag of Chase GP Medium Render is expected to cover approximately 2.5 - 5 square metres at a thickness of 2 - 6 mm

Description



Chase GP Render Medium is a polymer modified cement-based plaster suitable for many rendering and patching applications over substrates including clay/cement bricks and blocks, painted masonry surfaces**, precast concrete panels** and aerated concrete. Chase Medium Render has been formulated for use as a skim coat render best applied at a thickness ranging between 4-6mm. When applied to a clean and stable substrate, Chase Medium Render will not display typical 'sand and cement' weaknesses such as herringbone cracking and drumminess, thus greatly reducing the risk of undertaking costly and unsightly repair work.

Note Chase Medium Render is not recommended for use over FC sheet.

Suitable Surfaces

Chase GP Medium Render can be applied to any rigid masonry-based surface with sufficient porosity. Surfaces include:

- Clay/concrete bricks/blocks
- Existing cement renders

***Application to low porosity (including primed) or non-rigid surfaces will require the addition of Chasebond performance admixture. See Chasebond data sheet for further details.*

Composition

Chase GP Render Medium is composed of HE class portland cement, redispersible polymer powders, graded sands and workability admixtures. The formulation provides optimum performance, durability and ease of application.

Mix Preparation

Fill a clean 15 litre mixing vessel with approximately 3 litres of clean water and slowly add the GP Render Medium powder whilst stirring. Add entire contents of bag and adjust with more water to achieve the desired consistency. Allow to stand for 2 minutes prior to application. A 20 kg bag of GP Render Medium will require approximately 4 litres of water. Application to certain substrata may require the addition of Chasebond (see below).

Application

Prior to the application of GP Render Medium, ensure that the substrate is clean and free of adhesion inhibiting materials such as grease, fungus, moss, dirt, excessive water, and mould release agents. Apply the mixture to the substrate using a steel float, taking care to coat evenly. Allow the applied material to firm up sufficiently on the substrate prior to finishing with a large plastic, polystyrene, or timber float. Larger floats whilst producing the best results, may marginally slow finishing time. GP Render Medium can be 'ruled-off' if necessary and must be allowed to cure for a minimum of 5 days prior to the application of a paint or textured finish coat. Areas subject to entrapped moisture will require a substantially longer curing period prior to the application of topcoats. GP Render Medium should not be applied during extremely hot or windy conditions and should be protected from rain and running water until set. To assist curing, walls may be dampened with a fine mist spray as soon as the surface is firm. See Table below for application recommendations

Curing

The strength of the final coating relates directly to the level of hydration of the cement component. Excessively rapid drying will result in a weaker render. CHASE recommends that the finished render be lightly

hosed with water in the days following application. Curing of the render will significantly improve the strength and durability of the final coating.

Chasebond

Chasebond is a high-performance polymer admixture formulated for addition to cement-based renders and adhesives. Chasebond is mixed with water in various ratios then added to the dry-mix to provide the required level of adhesion for each specific job. Chasebond is not required for all applications. See table for particulars.

Table 1. Suggested Methods Of Application

SUBSTRATE	METHOD
Porous masonry-based surfaces such as clay and concrete bricks and blocks	Clean down substrate and apply GP Medium Render at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.
Glazed bricks	Premix a Chasebond: water additive at a ratio of 1:1. Use this pre-mix as liquid component during GP Medium Render preparation (first coat only). Clean down substrate and apply GP Medium Render at the required thickness in either one or two coats. Allow to firm up before ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.
Existing cement renders	Clean down substrate and remove any loose or drummy render. GP Medium Render will only adhere to the substrate as well as the underlying render, so it is essential that only stable material remains. Excessively porous renders should be dampened with water to prevent premature drying of the GP Medium Render. Clean down substrate and apply GP Medium Render at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.
Concrete Panels NB: Chase EPS recommended	Premix a Chasebond: water additive at a ratio of 1:2. Use this pre-mix as liquid component during GP Medium Render preparation (first coat only). Clean down substrate and apply GP Medium Render at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.
Sealed masonry (including primed) based surfaces NB: Chase EPS recommended	Premix a Chasebond: water additive at a ratio of 1:1. Use this pre-mix as liquid component during GP Medium Render preparation (first coat only). Clean down substrate and apply GP Medium Render at the required thickness in either one or two coats. Allow to firm up prior to ruling-off and floating smooth. Allow to cure for a minimum of 4 days prior to application of finish coat.

Wash-Up

Clean tools in clean water immediately after use.

Safety

Chase GP Medium Render is non-toxic however it contains cement which is alkaline in nature. Any material coming into contact with eyes or skin should be immediately flushed with clean water. This product may also contain trace quantities of respirable silica present only as an impurity. Eye, skin and breathing protection is recommended during preparation and application of Chase GP Medium Render.

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.