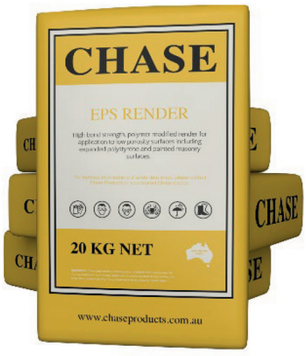
CHASE TECHNICAL DATA SHEET

CHASE EPS RENDER

A highly polymer modified base render for application over non-porous substrata including expanded polystyrene and painted masonry surfaces.

PACKAGING	COVERAGE
A dry-mix powder in 20 kg plastic lined, multi-walled paper sacks	A 20 kg bag of Chase EPS Render is expected to cover approximately 2.5 - 5 square metres at a thickness of 3 - 6 mm



Description

Description Chase EPS Render is a polymer rich, water resistant, cement-based render primarily formulated for application to difficult-to-render surfaces. When applied in accordance with our specifications, Chase EPS Render will provide vastly superior adhesion to that of a traditional style sand and cement render. The use of Chase EPS Render will reduce maintenance costs associated with repairs caused as a result of delamination whilst making it possible to render surfaces not previously achievable.

Key benefits

- Factory blended for dependable consistency
- Superior adhesion for optimum performance over non-porous surfaces
- Eliminates on-site mixing errors
- Just add water

Performance

Chase EPS Render contains a high level of redispersible polymer (RDP) powder. The level of this RDP addition has been calculated to ensure that under normal conditions, Chase EPS Render will not delaminate from expanded polystyrene (EPS) panels. Chase EPS Render achieves an average tensile adhesion of 0.15 MPa which is enough to remove the beads from the EPS itself. Therefore, there can be no greater adhesion result.

Suitable surfaces

Chase EPS Render can be applied to many commonly used construction materials but is primarily suited to application over difficult-to-render materials including:

- Painted brickwork
- Expanded polystyrene cladding boards (EPS)
- Precast concrete panels Aerated concrete blocks and panels
- FC sheet (with expressed joints)

Mix Preparation

Add approximately 4 litres of clean water to a suitable mixing vessel and slowly add Chase EPS Render powder whilst stirring. The use of a power stirrer is recommended however manual stirring will suffice. Continue stirring until all lumps have been dispersed. Add water until the desired consistency has been achieved. The final mix should hold a soft peak on the hawk. Mixing the material too wet or stiff will make the material difficult to apply and finish up.

Application & Finishing

Prior to the application of Chase EPS Render ensure that the substrate is clean and free of any impurities that may compromise adhesion. Apply the mixture to the substrate at a thickness of 4-6mm (per coat) with a steel float taking care to coat evenly. Allow the freshly applied material to firm up sufficiently prior to finishing with a timber, plastic or polystyrene float. Chase EPS Render will stiffen significantly faster over porous surfaces. As a rule of thumb, a larger, more rigid float (plastic) will produce better results than a smaller flexible float (polystyrene). Chase

EPS Render can be ruled-off if required and must be allowed to cure for a minimum of 5 days prior to over-coating. Areas subject to entrapped moisture such as water-logged brickwork may require a significantly longer drying-out period prior to overcoating. Chase EPS Render should not be applied in hot or windy conditions and should be protected from rain or running water until hard initial set has been achieved.

Wash up

Due to the high polymer content, Chase EPS Render should not be allowed to dry on tools as it will prove extremely difficult to remove. Always clean tools with clean water immediately following use.

Curing

Whilst the initial set of Chase EPS Render will occur in a matter of hours, full strength will not be achieved for 28 days from date of application.

Safety

Chase EPS Render is non-toxic but contains cement which is alkaline in nature. CHASE strongly advises that dust masks to prevent the inhalation of nuisance dust be used during preparation and that skin protection be used during application. Always prepare Chase EPS Render in a well-ventilated area. If skin irritation occurs flush immediately with running water. Refer to MSDS for details

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.