

**EZY-FLOAT LIGHT WEIGHT MARBLE RENDER****[Technical Bulletin]****PRODUCT TYPE:**

A pre-blended, polymer modified light weight insulating cement render.

DESCRIPTION:

Ezy-Float Light Weight Marble Render is a polymer modified, mineral based, light weight trowel-on render. The product is supplied in a 20 kg paper sack with a 13 kg by volume fill. On site mixing requires only the addition of fresh clean water to a desired consistency. No additional polymer additives are required and should not be added.

The product is a pre-blended powder mix that contains premium grade crushed marble, Type HE Portland Cement, conforming to Australian Standard 3972 and [recycled high density foam](#).

The product is modified with very high levels of flexible polymers and hydrophobic agents that ensure a well adhered flexible render with excellent resistance to water, efflorescence or rising damp.

Ezy-Float Light Weight Marble Render is designed for over-coating with acrylic textures and coatings combining to provide strong inter-coat adhesion.

Ezy-Float Light Weight Marble Render bonds to most mineral and new construction surfaces and exhibits minimal to no drying shrinkage.

PROPERTIES:

The exact composition of the product's aggregate shape, size and proprietary additives provides unique application properties for the applicator.

The product was developed to provide application properties as close as possible to a traditional sand cement render but with the benefit of acrylic technology.

Applicators have found the benefit of reduced weight allows the use of large (510mm stainless steel trowels) during application, that results in a more even and level application straight off trowel.

Environmental Care

Large areas can be covered in one uniform layer between 8 and 15mm with more that enough time to return and level the area with a darby, aluminum straight edge or float. Alternatively, the product can be applied in one tight uniform thin section as a skim coat down to 2 mm without the risk of edge lifting.

The product has very low trowel stick, good workability, high slump resistance and provides long open time for the applicator to complete the entire leveling process with ease.

Results have proven that even novice applicators using this render are able to achieve a uniform and level wall with very low waste.

TIME AND COST SAVING

Ezy-Float Light Weight Marble Render is quicker, lighter and requires less effort to apply than standard cement render. It requires less clean up and offers greatly reduced curing time before the application of a texture finish. Under normal conditions, the application of the texture coating may be commenced one day after it's application.

KEY PROPERTIES

- Light weight for easier application.
- Very Low trowel stick.
- Long open time for good workability.
- Highly water resistant.
- Very high polymer concentration for strong bond.
- Environmentally friendly
- Rapid cure and bond strength.
- Excellent resistance to alkali and efflorescence.
- Assists with recycling.
- Flexible even in thick sections.

SUBSTRATES:

- All masonry substrates
- Concrete block
- Hebol
- Wire cut clay block
- Off form concrete.
- Unglazed brick

Environmental Care

Specify this product and play your part in environmental care, that is the responsibility of us all.

Lightweight polystyrene foam is a practically useful insulating material assisting our environment with reductions in energy consumption in newer homes fitted with E.I.F.S. walling systems. However, the use of foam in the packaging industry is a major environmental concern.

Throughout Australia there are very few companies that recycle polystyrene foam and therefore thousands of cubic meters goes to Australian land fill every week. As part of Astec's ongoing commitment to Environment Care, the company has spent over six years developing a system to reconstitute high density packing foam in a energy conscious and sustainable fashion.

The cost associated with implementing the recycling process was high compared with simply purchasing new supplies. But this was far outweighed by the effects on our environment and the sense of pride achieved by our company, it's employees and contractors.

SURFACE PREPARATION;

1. All surfaces must be structurally sound, clean, and free from surface contaminants such as, dirt, dust, oils, grease, silicones and release agents.
2. Remove any loose mortar splashes and cut back protruding block or tie wires
3. For normal concrete block no further preparation is required.
4. Any deep hollows or surface misalignments should first be pre-filled and struck smooth.
5. High suction surfaces can be sealed with Astec Tile Sealer to aid application in hot dry weather.
6. For previously painted surfaces and hard face brick one coat of Astec Armatex Dash should be applied prior to the application of the render.
7. All release agents must be completely removed from tilt up panel, contact Astec for the correct procedure.

If Unsure, Contact Astec for the correct preparation technique, sealers, primers and undercoats before proceeding.

MIXING:

The powder is added to the gauging water whilst being stirred vigorously with a mechanical stirrer until a trowelable consistency is reached, usually 30 seconds to one minute. The mix is left to stand approximately 5 minutes before adjusting the consistency with additional water if required. Care must be taken not to mix excessive air into the mix.

APPLICATION TECHNIQUES

Skim Coat

1. To apply the product as a skim coat, (2mm), use a hawk and stainless steel trowel. The application should occur in two passes, a tight first pass followed by a second leveling pass.
2. Allow the product to stand for a short period, allowing for surface moisture to stabilize then any remaining ridges can be smoothed out with a clean moist stainless steel trowel.

Render

1. To apply the product as a render, (10mm), use a hawk and stainless steel trowel. The application should occur in two passes, a light first pass followed by a second light, leveling pass.
2. Allow the product to stand for a short period, allowing for surface moisture to stabilize then screed with a 1200mm straight edge or darby to a uniform surface. Any remaining ridges can be smoothed out with a clean moist stainless steel trowel or floated with an Astec High Build Float.

Always terminate the application above a damp course line. Never bridge a damp course.

PRECAUTIONS FOR USE;

Avoid contact with skin and eyes; always use a dust mask during mixing.

PRODUCT DATA;	
Pack Size	20kg Paper Sack with 13 kg volume fill
Mix activation water.	3.3 to 3.6 liters per bag.
Drying Time at 25°C @ (55%RelativeHumidity)	8 hours, (Dry times will vary with changes with substrate, temperature, humidity and residual moisture in the substrate).
Recommended thinners	Water
Wash up	Water
Recoat time at 25°C	2 to 4 hrs
Minimum application temperature	5° C
Finish colour light grey	Light grey
Durability	Exterior/Interior (must be top-coated)
Curing	Not required

COVERAGE

Calculation = 1.2kg m² per 1mm thickness

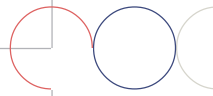
COATING THICKNESS	m² /13kg/20kg vol bag	kg/m²
Theoretical spread rate @ 2mm (Minimum)	5.42	2.4
Theoretical spread rate @ 4mm	2.71	4.8
Theoretical spread rate @ 8mm	1.35	9.6
Theoretical spread rate @ 15mm	0.72	18.0

LIMITATIONS

- Should not be applied over cement sheet or previously painted surfaces without the correct sealers.
- Should not be applied in temperatures below 3^oC or in very hot and windy conditions or above 30^oC.
- Protect from freezing temperatures for 24 hours after application.
- Protect from heavy rain for 8 hours after application.

WARRANTY

The technical data furnished herein is based upon data believed by Astec Paints to be true and accurate at the time of writing, however, no guarantee of accuracy is given or implied and is subject to change without notice. It is given in good faith for the assistance of users. No legal warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with this material herein does so at their own risk absolutely and must make independent determinations of suitability and completeness from all sources to ensure their proper use. We have no control over the condition under which these products are stored, handled or used, therefore our recommendations must not be regarded as a mounting to legal warranty or as involving any liability on us



The technical data furnished herein is based upon data believed by Astec Paints to be true and accurate at the time of writing, however, no guarantee of accuracy is given or implied and is subject to change without notice.

This information is given in good faith for the assistance of users. No legal warranty expressed or implied is made as to its accuracy, completeness or otherwise.

Every person dealing with this material herein does so at their own risk absolutely and must make independent determinations of suitability and completeness from all sources to ensure their proper use.

We have no control over the condition under which these products are stored, handled or used, therefore our recommendations must not be regarded as a mounting to legal warranty or as involving any liability on us.



Astec Paints Australasia Pty. Ltd.
22-24 Pinn Street, St. Marys,
South Australia 5042
PO Box 321, Melrose Park, S.A. 5039

Web: www.astecpaints.com.au
Email: enquiries@astecpaints.com.au

Telephone: +61 8 8297 2000
Facsimile: +61 8 8297 2555

Your nearest Astec Paints distributor is:

Revised Edition June, 2015

Astec Paints Resellers;

Australia Wide

For a complete list of resellers,
please visit the Contact Page
of our website:

www.astecpaints.com.au/contact

Overseas

Please contact Head Office.