

**EZY-FLOAT MARBLE SKIM COARSE****[Technical Bulletin]****PRODUCT TYPE:**

A Coarse build pre-blended, polymer modified cement skim coat.

DESCRIPTION:

Ezy-Float Marble Skim Coarse is a polymer modified, mineral based, trowel-on skim coat that is used for the leveling of surface imperfections on mineral construction substrates prior to the application of a texture coating.

The product is supplied in a 20 kg paper sack. On site mixing requires only the addition of fresh clean water to the 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 proprietary additives that provide an exact viscosity profile suited to its intended use.

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

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

Ezy-Float Marble Skim Coarse bonds to most mineral and new construction surfaces and exhibits minimal to no drying shrinkage.

PROPERTIES:

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

The product is smooth and buttery to apply with very low trowel stick. The product levels exceptionally well straight off stainless steel trowel with minimal trowel marks. It offers good workability, high slump resistance and provides long open time for the applicator to complete the entire leveling process with ease.

Unlike normal render, the product can be applied in very thin sections as low as 1.6 mm, without any threat of crumbling and lack of adhesion at a thin feathered edge.

Ezy-Float Marble Skim Coarse is used to level flush or raked joint block or to fill minor surface imperfections, such as blow holes in concrete panels prior to the application of an acrylic texture.

The final result is an extremely well bound thin section mortar that is highly water and impact resistant with a strong bond to the substrate.

TIME AND COST SAVING

Ezy-Float Marble Skim Coarse is very quick to apply and leaves minimal trowel marks during application. It is very economical to use and requires less clean up than a standard cement render and offers greatly reduced curing time before the application of a texture finish. Under normal conditions, the application of a texture coating may be commenced one day after its application.

KEY PROPERTIES

- Very low trowel stick.
- Very low trowel marks
- Long open time for good workability.
- Minimal drying shrinkage.
- Highly water resistant.
- Very high polymer concentration for strong bond.
- Environmentally friendly
- Rapid cure and bond strength.
- Excellent resistance to alkali and efflorescence.

SUBSTRATES:

- All masonry substrates
- Concrete block
- Hebel
- Wire cut clay block
- Off form concrete.
- Unglazed brick
- Over painted surfaces with Armatex Dash applied first.
- Over Low suction and hard faced brick with Armatex Dash applied first.

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 skim.
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.

PRODUCT DATA;	
Pack Size	20kg Paper Sack
Mix activation water.	3.6 to 4.0 liters per bag.
Drying Time at 25°C @ (55% Relative Humidity)	6 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 =1.68kg m² per 1mm thickness

COATING THICKNESS	m² /20kg bag	kg/m²
Theoretical spread rate @ 1.6mm (1.6mm Minimum)	7.44	2.69
Theoretical spread rate @ 3mm	3.97	5.05
Theoretical spread rate @ 6mm	1.98	10.08

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, 2 or 6 mm, 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.

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

PRECAUTIONS FOR USE:

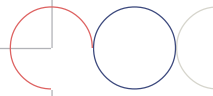
Avoid contact with skin and eyes; always use a dust mask during mixing.

LIMITATIONS

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

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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

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