

DATA SHEET

PENDONG 137 **FC MARBLE**

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V1-01/08/2020

GENERAL DESCRIPTION

- Pendong 137 FC Marble is a single pack ready to use pigmented, skimming compound for use as a decorative finish. FC Marble has been specially formulated using hard emulsions and fillers. The pigmentation is added to the FC Marble base. This is skimmed over existing smooth and level cement screeds and plastered walls.

COLOUR RANGE

- 9 Colours: Catfish, Klip Vis, Coral, Galjoen, Pearl, Salmon Run, Sandy Bottom, Rock Pool, Oyster
- Including a tint base for tinting custom colours direct from the stores.

TYPICAL APPLICATIONS

- As a decorative, hard wearing finish for interior applications, FC Marble is ideal for domestic flooring, decorative commercial flooring, shop floors and institutions such as schools, hospitals, clinics etc.

ADVANTAGES

- Attractive
- Hard wearing
- 9 standard Colours including custom colours tinted instore
- Mottled effect giving a natural look
- Highly densified marble like finish
- Can be sealed as Matt, Satin or Gloss finish using Pendong D112 Acrithane Clear
- High Build sealers also available for high traffic areas
- Economical
- DIY applications



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PROPERTIES

- 9 Standard Colours, including tint base for custom colours
- Drying Time : ± 4 hours @ 25°C
- Trafficable : 6-8 hours
- Application Thickness : 0.25-1.0mm
- Open Time : 20 minutes @25°C
- Compressive Strength : 30-35 MPa subject to Mpa of Substrate
- Flexural Strength : 6 MPa minimum
- Water Resistance : Porosity equivalent to high strength dense concrete
- Yield per Litre : 4-5 m² per coat (Subject to existing substrate profile)

WATCH POINTS

- Do not re-constitute the mix after initial setting has occurred
- Do not add water to the product as this will cause cracking
- Do not apply more than 1mm thick as this will cause cracking
- Dark substrates will show through light colours of the FC Marble applied
- For less movement, apply 1st coat FC Marble with a Polly pile roller
- Sand, using 180-240 grit sand paper between coats to remove any unwanted high spots
- Ensure surface is dry and dust free before proceeding with the next application.
- Not Recommended for external use or wet areas

PREPARATION:

- Firstly ensure all surfaces are sound and free of any coatings
- OPTION 1**
- Diamond grind existing substrate to remove all contamination/surface laitance
 - Vacuum to ensure dust free surface
- OPTION 2**
- Acid etch using standard acid etching practice. (Remove using wet to dry Vacuum)
 - Rinse with fresh water. (Remove using wet to dry Vacuum)
 - **REPEAT PROCESS IF REQUIRED**
 - **NB: - ALLOW TO DRY – MOISTURE CONTENT TO BE BELOW 15%**



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GENERAL APPLICATION PROCEEDURE OF D137 FC MARBLE

- To be applied over P135 Floor Screed Primer.
- Apply 1 -2 Coats P137 FC Marble. (1mm Maximum thickness per coat)
- Sand between coats and Vacuum.
- Sand final coat and Vacuum.
- Seal with recommended sealers

SEALERS AND SPREAD RATES AT A GLANCE

- PRIMER: P135 Floor Screed Primer $\pm 8\text{m}^2/\text{litre}/\text{coat}$ (1-2 coat application).
- COATING: P137 FC Marble $\pm 4\text{m}^2$ to $5\text{m}^2/\text{litre}/\text{coat}$ (1-2 coat application)
- SEALERS: P112 Solvent based Twin Pack Acrithane Satin, Matt or Gloss @ $\pm 10\text{m}^2/\text{litre}/\text{coat}$, D113 Water based Twin Pack Acrithane Satin @ $\pm 10\text{m}^2/\text{litre}/\text{coat}$.
- P110 Solvent Free Clear High Build Epoxy as per Data sheet.

NOTE: The spread rates quoted are approximate and should only be used as a guide as the actual rate will vary depending on the condition and porosity of the substrate.

CLEANERS/SOLVENTS AT A GLANCE

- PRIMER: P135 Floor Screed Primer - Water
- FLOOR COATING: P137 FC Marble - Water
- SEALERS: P121 Colour Retaining Primer, P113 Water based Twin Pack Acrithane - Water
- P112 Solvent based Twin Pack Acrithane, P110 High Build Epoxy – P708 Flow Agent or P701 WS Brush cleaner.

IMPORTANT INFORMATION ON HOW TO PREVENT PROBLEMS

- All sales of this product/system must be recorded to include the name of the applicator, contract name and address, size of area and color to be submitted to Pendong for record purposes.
- The strength of the concrete surfaces or floor screeds to receive P137 FC Marble must be a minimum of 25Mpa.
- REMEMBER: P137 FC Marble is to be laid at the end of any new contract/renovations to minimize the amount of the traffic (contractors) working on the newly laid floor.
- The sealers applied to the P137 FC Marble takes 5-7 days for full cure, and there should only be light traffic after 3 days.

Please refer to the relevant product data sheets for more detailed information on application.

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.

