

PM 20 FR NON COMBUSTIBLE ACRYLIC RENDER

Auscon PM 20 FR Technical Data Sheet

Auscon PM 20 FR Non-Combustible Acrylic Render is a pre-blended cement based acrylic polymer modified render. It is used as a finish levelling render over a wide range of surface substrates. Auscon PM 20 FR render is used as part of a system with Auscon KC 05 FR Keycoat over permanent formwork PVC & Fibro cement walls. It can also be used over brick & blockwork. PM 20 FR Complies to AS 1530.1 Non-Combustible

Application, Advantages and Solution

- Pumpable
- Pre-mix - just add water
- Used for rendering walls
- Hard-wearing
- Interior & Exterior
- Texture Paint over in *48 hours

Mixing Instructions

1. Place 80% of the water into the mixing vessel.
2. Slowly add 70% of the powder to the mixing vessel, and mix for 1 minute.
3. Add the final 20 % of the water to the mixing vessel.
4. Slowly add the remainder of the powder to the mixing vessel.
5. Mix for 3 minutes or until uniform to a homogenised workable mix.

Water Ratio Limits	Litres per 20 kg bag
Trowelable	3.8 – 4.2

Applying Mixed Material

- Application thickness: 5 mm to 15 mm. (*Depending on substrate)
- Do not exceed the recommended thickness in any layer.
- Do not mix more material than can be placed in 15 minutes.

IMPORTANT: Do not mix cementitious products if the temperature is expected to exceed 30 °Celsius, or if the change in ambient temperature exceeds +/- 12 °Celsius

Before Pumping Render

- Check to ensure that all lines and hoses are clear
- Rinse the mixer and flush water through the pump lines thoroughly.

It is important that the correct mixing equipment is used when pumping cement products.

Mixing times may vary depending on mixing speeds. For more information, Ph 1300 988 964 Email info@auscon.net.au.

Surface Preparation

- All defective host substrate must be removed before application.
- Defective material includes cracked or structurally weakened surfaces.
- Host concrete must be roughened and aggregate exposed to ensure a good bond.
- For chloride contaminated concrete, a concrete corrosion expert must be consulted.
- Brick and masonry surface substrates must be hosed down before applying PM 20 render.
- Priming the surface with Auscon Bond 007 or BP 008 Primer is recommended before applying PM 20 render.
- **Rendering & surface preparation over permanent formwork PVC & Fibro cement walls**
you MUST first read the Auscon Australia rendering application system document before the render is applied

All surfaces must be free from dust, oils, and surface contaminants. This may require cleaning with high-pressure water blasting or saturation to the surface using water prior to applying materials



For More Information contact Auscon Australia

Test Characteristic

Property	Test Method	Results
Cement	AS 3972	Complies
Chloride Content	AS 3972 Req. - Max 0.10 %	0.01 %
Initial Set	AS 1012.18	240 minutes @ 20 °C
Final Set	AS 1012.18	480 minutes @ 20 °C
Colour	Grey	
Maximum Particle Size	45 Microns	
Mixing Time	3 to 4 minutes	
Before Texture & Painting	Render Wall moisture content must be lower < 16%	
Pump Life	90 - 120 minutes @ 20°C (approximately)	
Coverage per 20 kg	2.5 m2 @ 5 mm thick (approximately)	

The Data testing was conducted in a controlled laboratory environment field results may vary and is beyond Auscon Australia control

- **Storage** - Store undercover in cool, dry conditions.
- **Shelf Life** - 12 Months if unopened and kept in a dry location. Best to use within 6 months from the purchase date.
- **Clean up** - Clean tools and surfaces using clean water within 30 minutes of applying materials or prior to curing.
- **Packaging** - 20kg paper bag, 48 bags per pallet, pallet weight 990kg, (including pallet).
- **Disposal** - Keep out of sewer and stormwater lines. In the interest of the environment, please dispose of empty bag and materials as trade waste in accordance with local authority guidelines.
- **Safety Information** - The end-user of this product must first read the latest version of the Safety Data Sheets at www.auscon.net.au before this product can be used.

Auscon products are manufactured using ISO 9001 Certified Processes.

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DISCLAIMER - The end use of this product is beyond the manufacturers control and liability is restricted to the replacement of material proven to be faulty. The manufacturer is NOT responsible for any loss or damage arising from incorrect usage of this product. The information contained herein is provided in good faith and to best of Auscon Australia knowledge is true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for an application.

Users are requested to check that the literature in their possession is of the latest and correct issue, Auscon is a registered trademark of Auscon Australia Pty Ltd.

The recommendations to the application and use of the Auscon Australia cement products are based on materials mixed and applied under normal conditions. Site conditions and substrates will vary.

The product must be first tested to its suitability of the intended application before use. The end-user of this product must first read the latest version of the Technical & Safety Data Sheets at www.auscon.net.au before this product can be used.



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