

RCM (Roofing and Cladding Materials Ltd)

Technical Data Sheet



ISO No. 5817

Version 2

Date prepared: August 2022

Trade Name: PM1 Pointing Mortar

Product
Name:

SlipFast PM1 Pointing
Mortar

Product Information

PM1 Pointing Mortar is based on state of the art cement polymer technology, the polymer adds a high water repellent quality, repelling water from the surface of the mortar joints, while allowing vapour to pass through the joints. Blended and formulated with high quality aggregates and chemical modifiers, to give excellent workability and fill when applying to brick & stone joints.

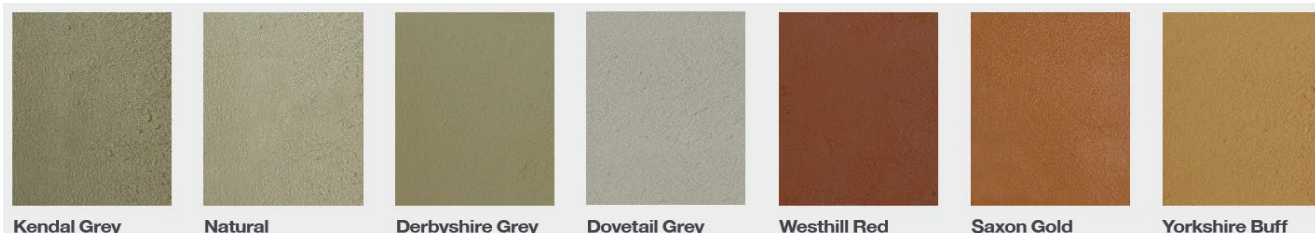
Technical Data

Pack Size: 25kg bag
Pallet QTY: 40 bags
Suitable: Brick or Stone
Water Demand: Approx. 4 - 4.5 Ltr per 25kg bag
Pot Life: 1 Hour +
Workable Life: 2 to 5 hours
Coverage: Approx. 14Ltr per 25kg
Application Temperature: 3°C - 25°C
Humidity Requirement: Less than 95%
Reaction to fire: Class A1

Compressive Strength: Class M5
Thermal Conductivity: P=50% 1.23W(m.k), P=90% 1.34W(m.k)
Water Absorbption: 0.03kg(m²min 0.5)
Permeability to Water Vapour: m 15/35



Colour Range



Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. Do not apply to shiny surfaces. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration, must be rectified. Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out. Beads and expansion joints should be included as required by the substrate and BS standards and carried through all applied materials.

Mixing

PM1 Pointing Mortar should be mixed with clean water at a rate of approximately 4-4.5 litres per 25kg bag using a suitable paddle mixer, mix for 2 minutes, allow standing for 2 minutes then remix. This process allows the chemical additives to dissolve and activate. Mix until a consistency of stiff cream is achieved, adding a little extra water, if required. Check correct consistency by filling the pointing gun tube, the mortar should hang from the end of the nozzle when the tube is shaken.

Application

To avoid dampness and discolouration rendering should be avoided below DPC or within 150mm of ground level.

Keeping the nozzle just clear of the wall, inject the mortar into the joint, slightly overfilling, working from the top of the wall downwards. The mortar should be tooled off after it has formed a semi-dry surface skin and lost its initial sheen. The time this takes depends on the absorbency of the masonry.

Note: PM1 Pointing Mortar may stiffen on standing. Re-mix the product to regain a workable consistency but do not add any more water.

Storage

When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

Tool Cleaning

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Health & Safety Instructions

For further information, please request the material safety data sheet for this product.

Important Information

The weather conditions for application and drying are critical. Do not apply if any of the following conditions are likely to arise during - or in the first 24 hours following application:

- If frost is forecast, or in wet conditions
- When Relative Humidity is above 85%
- In temperatures below +5°C or above +25°C
- If the elevation is in direct sunlight
- If the substrate is hot (at or above 30°C) or below +5°C

Coverage rates are approx. and do not take into account wastage and uneven substrates.

The product must be protected against heavy rain, direct sun or wind in the first 24 hours after application. Sheeting the façade or the scaffold is advised to protect against this. For this particular product if these parameters are not met, the product is at risk of, efflorescence and potential failure. It is the responsibility of the application contractor to manage and record the weather conditions during application and curing of the product.

To the best of our knowledge and belief, this information is true and accurate. However, as conditions of use of the product and the expertise of any labour involved are beyond our control, the end user must satisfy themselves by prior testing that the product is suitable for their specific application if no spec has been provided for the project in hand. No responsibility can be accepted, nor any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that they have consulted our latest literature.

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