

Product Datasheet

M.R. S4 Polymer Plain Render

Sheet No: PD104FA

Issued: October 2012

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Description

M.R. S4 Polymer Plain Render is a dry premixed polymer and fibre reinforced powder.

Use

M.R. S4 Polymer Plain Render is used as (i) a single coat render to achieve a plain render finish. (ii) a single coat base render for a masonry paint finish. (iii) a single coat base render for a silicone render finish.

General Performance

M.R. S4 Polymer Plain Render is weather tight when cured, but will freely allow transmission of water vapour. BBA life expectancy rating: in excess of 30 years, when used as part of M.R. Swisslab or M.R. Swisspan External Wall Insulation systems. M.R. S4 Polymer Plain Render is a breathable, flexible, polymer fibre render.

Approvals

M.R. S4 Polymer Plain Render is approved for use with the following BBA Agreement Certificates. Alumasc Swisslab 93/2914 & Alumasc Swisspan 97/3410.

Colours

White, Cream, Pink, Yellow, Peach, Brown, Red & Russet.

Thickness

8-10mm is a single coat.

Coverage

1.75 m² per 25kg bag (at a thickness of 10mm)

The material consumption is dependent on both the substrate and application method. The stated coverage rates only serve for information purposes only. Precise coverage rates should be determined on the project if required.

Protection

Surrounding areas should be protected when render is being applied. Suitable protective materials should be used to safeguard surrounding cills, metalwork, openings and paving. Any soiled areas should be cleaned immediately whilst the material is still wet.

Weight

14kg per m² when applied at a thickness of 10mm.

Application

M.R. S4 Polymer Plain Render can be applied using either traditional trowel techniques or by machine pump equipment and finished flat with a suitable trowel or sponge.

After curing, Alumasc adhesive, renders and mortars are unaffected by the temperature extremes of the U.K. climate.

Alumasc adhesives, renders, mortars and coatings should only be applied in temperatures of +5°C and rising and below +30°C. When applied above +30°C setting is accelerated and natural hydration may not take place. Weather forecasts should be observed to avoid extreme conditions.

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Mixing Ratio

4 to 4.5 litres of clean cold water per 25kg bag.

Fire Rating

Non-flammable when cured.

Class O surface spread of flame.

Pack Size

Dry mix in 25 kg bags, 40 bags (1 tonne) per pallet

Storage

All M.R. Renders should be stored inside in dry conditions, off the ground and protected from the frost. When adhering to this all M.R Renders have a 12 month shelf life.

To ensure minimum wastage is experienced use product with the shortest shelf life first.

Health & Safety

Safety Data Sheets are available upon request, and can also be downloaded directly from

www.alumascfacades.co.uk

Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Facsimile: +44 (0)1744 648401

Email: technical@alumasc-exteriors.co.uk

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.