



Product Specification

Product Name:

PORTER'S ROMAN CEMENT

PRODUCT DESCRIPTION:

Porter's Roman Cement is a high quality coloured, acrylic modified cement render that eliminates the need for painting and maintenance, whilst providing a natural finish with richness and depth of colour. Roman Cement's superior flexibility means that it is not prone to cracking or crazing. May be applied as a render or as a bagged finish. This product comes as a kit of two components – a 20kg bag of acrylic modified lightweight render and a pre-measured bag of oxide blend. Available in a wide variety of popular colours.

TYPICAL PROPERTIES:

Bag content	20kg
Yield	11 litres/bag
Coverage (theoretical)	2.6m ² at 5mm thickness
Bulk Density	1700-1900kg/m ²
Average particle SG	2.7
Air content	4.0%
Bond strength	≥ 0.20Mpa
Mortar comprehensive strength (ISO-CEN) prisms at a water addition of 16%	
7 days	≥3Mpa
28 days	≥7Mpa

LOCATION:

Exterior

ENVIRONMENTAL INFORMATION:

This product is classified as Zero VOC by the Australian Paint Approval Scheme. (Volatile Organic Compounds contribute to atmospheric pollution).

Porter's Paints use only premium grade raw materials and wherever possible we buy from Australian suppliers. Our manufacturing processes are designed for maximum performance with minimum impact on the environment and user health.

SUGGESTED APPLICATIONS:

Roman Cement is suitable for rendering most common substrates including masonry blocks, unglazed bricks, stonework, Besser block, and tilt-up slabs.

COLOUR:

Porter's Roman Cement is coloured with UV resistant natural powdered oxides for greatest colour longevity and depth of colour. Choose from our range of standard colours, or talk to our staff about your own custom colour. Natural oxides come in earthy tones such as red oxide, black, ochre, browns, greens and blues, so when we are blending colours for your Roman Cement, bear in mind that not all colours are achievable, and colours can vary in cost.

LIMITATIONS:

Do not apply Porter's Roman Cement over construction or expansion joints, or damp course lines.

Where hydrostatic pressure, water damage, or efflorescence is present contact Porter's Technical Service for further advice.

PREPARATION:

Roman Cement should only be applied over sound substrates. All surfaces should be free of dirt, dust, grease, oil, mould, laitance and any other contaminants that may compromise adhesion. Fresh cementitious substrates should be cured for 30 days prior to application of Roman Cement. Smooth dense surfaces with low absorption rates (like concrete) should be prepared with a "scratch" coat prior to application of Roman Cement render. To reduce suction in highly absorbent surfaces like sandstone or aerated concrete blocks, first apply a soaking coat of Porter's Boncote Surface Conditioner mixed

with clean water at a ratio of 1:8 (1 part SC, 8 parts water) and Surface Conditioner should be used in the gauging water of the render at 1:4 (1 part SC, 4 parts water).

MIXING:

Always check mixing ratio and colour before proceeding. Mechanically mix Porter's Roman Cement base with approximately 5 litres of fresh clean water per 20kg bag. Progressively add oxide blend and mix thoroughly to ensure even and complete dispersion. If necessary add additional gauging water to achieve desired consistency, although care should be taken not to add excess water, as this will cause shrinkage cracking and low strengths. NOT SUITABLE FOR MANUAL MIXING.

APPLICATION:

We recommend that Porter's Roman Cement is applied by professional renderers. Dampen surface prior to application. Do not mix more material than can be used within one (1) hour.

Spillage and partially set material should not be re-tempered with water and should be discarded.

Apply Roman Cement to the surface by preferred method (mechanical or spray or hawk and trowel). Allow Roman Cement to stabilize before leveling and finishing to desired texture.

COVERAGE RATES:

Yields approximately 130m² per tonne at 5mm thickness, or 2.6m² per bag at 5mm thickness.

Roman Cement may also be applied as a bagging coat in place of conventional cement bagging. As a bagging coat Roman Cement will cover approximately 4m² per 20kg bag.

WASH UP:

Water.

COMPLEMENTARY PRODUCTS:

Porter's Boncote Surface Conditioner aids in reducing suction on highly absorbent surfaces. Available in 1ltr, 2ltr, 4ltr and 15ltr sizes.

PACKAGING:

Porter's Roman Cement is available 20kg bags, along with a pack of oxide.

STORAGE:

Store in a cool dry area, protected from frost.

PRECAUTIONS:

Keep out of reach of children. Avoid swallowing. Avoid eye contact. Avoid prolonged skin contact. Provide adequate ventilation. If accidental contact occurs, rinse immediately with water.

MANUFACTURER'S/DISTRIBUTOR'S DETAILS:

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