

COMMERCIAL CEMENT PLASTER 1™

DS812

Fiberglass Reinforced Portland Cement Plaster Applied to Concrete or CMU

Description

Commercial Cement Plaster 1 consists of Commercial Cement Plaster (CCP) Base*, acrylic primer and an acrylic coating or finish. It is used when the structural exterior walls are concrete or CMU.

Uses

Depending on the project specification, Commercial Cement Plaster 1 is a durable exterior wall cladding and may be applied directly to the concrete or CMU substrate, or over a code approved, water-resistant barrier and metal lath.

Testing

Complies with ASTM C 1328 and IBC requirements for Portland cement plaster.

Application Procedure

Job Conditions – Air and surface temperature for application of CCP Base must be 40 °F (4 °C) or higher and must remain so for a minimum of 24 hours.

Temporary Protection – Must be provided at all times to protect CCP Base, primer and finish applications from damaging effects of precipitation, dirt and job-site contamination.

Components:

Water-resistant barrier (when specified - by others) must be code approved.

Air/Water-Resistive Barrier (When Specified) – Backstop® NT™: A liquid applied air/water-resistive barrier meeting ICC and ABAA requirements. Must be used with paper backed lath or other approved slip sheet.

Lath (When specified - by others)

Approved paper backed, or other self-furring metal lath shall be galvanized, minimum 2.5 lbs/sq yd (1.4 kg/m²) or 3.4 lbs/yd² (1.9 kg/m²) and comply with ASTM C 841

and ASTM C 847; 16 gauge galvanized self-furring welded wire lath (ASTM C 933), minimum 1 1/2 x 17 galvanized woven wire lath (ASTM C 1032); or 3/8 in (9.5 mm) galvanized rib lath. The specific type is designated by the designer based on project requirements. Lath installation shall conform to ASTM C 1063 and local code requirements.

Cement Plaster Base

Shall be CCP Base in either sanded or concentrate formula. Refer to [DS817](#) (sanded) or [DS818](#) (concentrate) for complete mixing and application instructions.

Acrylic Primer

Shall be Color Prime™, [DS410](#), Color Prime-W™, [DS474](#) or Primer with Sand™, [DS477](#). Refer to specific product data sheets for complete application instructions.

Acrylic Coating

Demandit® Smooth – integrally colored, smooth exterior wall coating enhanced with proven mildew resistance. See [DS400](#) for complete information.

Weatherlastic® Smooth – integrally colored, elastomeric, smooth exterior wall coating enhanced with proven mildew resistance. See [DS433](#) for complete information.

Finishes

For complete information, please refer to the product data sheets.

Acrylic Finish

- **DPR** – flexible textured exterior wall finish with integral color. Available in 5 primary textures: Quarzputz®, Sandblast®, Sandpebble®, Sandpebble Fine™ and Freestyle®, [DS416](#).
- **PMR™** – flexible textured exterior wall finish with integral color and enhanced with additional mildew protection, [DS490](#).

- **HDP™** – flexible textured exterior wall finish with integral color and optimized for hydrophobic performance, [DS811](#).
- **E™ Finish** – lightweight, highly flexible textured exterior wall finish with integral color. Available in 3 textures: Quarzputz **E**, Sandpebble **E**, and Sandpebble Fine **E**, [DS468](#).

Weatherlastic – elastomeric textured exterior wall finish with integral color. Available in 5 textures: Adobe, Quarzputz, Sandpebble, Sandpebble Fine and Mojave, [DS418](#).

Specialty Finishes

- **Ameristone™** Multi-colored quartz aggregate with a flamed granite appearance, [DS434](#).
- **Stone Mist®** Ceramically colored quartz aggregate, [DS420](#).
- **Custom Brick™** Acrylic polymer-based finish used in conjunction with a proprietary template system to create the look of brick, [DS227](#).
- **TerraNeo®** Acrylic-based finish with large mica chips and multi-colored quartz aggregates, [DS481](#).
- **Limestone™** A premixed, 100% acrylic-based finish designed to replicate the appearance of limestone blocks, [DS472](#).
- **Finesse™** A Smooth 100% acrylic-based dirt pickup resistance finish, [DS859](#).

Application – Commercial Cement Plaster 1 must be applied in accordance with local and national code requirements and ASTM C 926. Refer to Commercial Cement Plaster 1 Specifications, [DS819](#) and Commercial Cement Plaster 1 Details, [DS824](#).

Technical and Field Services

Available on request.

*Other approved scratch and brown coats may be acceptable. Consult Dryvit Systems, Inc. for specifics.

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