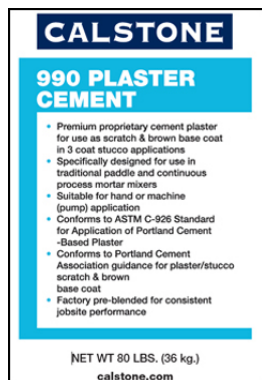


CALSTONE

990 Plaster Cement

PLASTER STANDARD & STANDARD WITH FIBERS



PRODUCT

990 Plaster Cement
990 Plaster Cement with Fibers

MANUFACTURER

CALSTONE
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DESCRIPTION

Calstone 990 Plaster Cement is a premium pre-blended proprietary cement plaster for use as scratch & brown base coat in 3 coat stucco applications. Factory pre-blended for consistent jobsite performance.

APPLICATION

Calstone's 990 formulation allows for more material to remain on the wall and not be wasted due to fallout or overspray. Trowel or spray on the mixture to full depth of scratch and brown. Level off walls but do not overwork the material.

Do not wet float the brown coat. Section 2508.6 of the Uniform Building Code (UBC) and Section 2512.8 of the 2010 California Building Code (CBC) allows for immediate successive application of scratch and brown coats. Do not apply with temperatures 40°F.

CURING

Curing is an important step in the application of the Calstone 990. It needs to be cured for a minimum of 7 days per UBC code 2508 prior to the application of a finish coat. Proper curing increases the strength and durability and poor curing can ruin an otherwise well-done project. Proper water content and temperature are essential for good curing. In near freezing temperatures, the hydration process slows considerably. When conditions are too hot, dry or windy, water is lost by evaporation and hydration stops, resulting in finishing difficulties and cracks. The ideal circumstances for curing are ample moisture and moderate temperature and wind conditions. Curing should start as soon as possible and should continue for a period of 5 days in warm weather at minimum 70°F (21°C) or higher, or for 7 days in colder weather at 50 - 70°F (10 - 21°C). Protect Calstone 990 Plaster Cement from freezing during the first 48 hours.

LIMITATION

Calstone's 990 has been formulated to be used as a base material only, in preparation for a finish coat application.

STORAGE

Product shall be kept indoors or if stored outdoors, shall be adequately covered to keep dry and be stored off the ground. Shelf life is under one year from the date of production, under optimal storage conditions.

Store dry at 40-95°F (4-35°C). Protect from moisture. If damp, discard material.

AVAILABILITY

Calstone 990 is available at local building materials dealers.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

WARRANTY

The technical information and usage statements are based on our best knowledge. The contents of this specification sheet are presented for informational purposes only and do not constitute responsibility for their use. The manufacturer will replace only that material which is proven defective due to quality of the components or the manufacturing process.

HEALTH & SAFETY

Keep out of reach for children. Not for internal consumption. For industrial use only. For professional use only. Avoid direct contact where possible and wash exposed skin areas promptly. If any cementitious materials gets into the eyes, rinse immediately and repeatedly with water and get prompt medical attention. In case of emergency, call CHEMTREC at 1-800-424-9300.

Refer to Safety Data Sheet (SDS) for further information. Available at Calstone.com.



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov.



USES

Calstone 990 Plaster Cement can be applied over any conventional substrate following the correct procedure for each different application by maintaining a proper bond and moisture barrier including:

- Open Stud
- Wood based sheathing
- Exterior gypsum sheathing
- Concrete block / Masonry and over any conventional lath: self furred stucco wire
- Metal lath
- Structa wire

ADVANTAGES

Raw materials meet or exceed the following standards:

- Easy use, only add water
- No waste - use only what material is needed and take the leftovers to your next job
- Due to the thickness in its application, Calstone's 990 holds onto moisture longer thus curing slower and minimizing suction on the wall surface resulting in more color uniformity, reduced cracking and higher yield of finish coat applications
- Can be applied 7/8" (22.2mm) in one pass
- Section 2508.6 of the Uniform Building Code (UBC) and Section 2512.8 of the 2010 California Building Code (CBC) allows for the immediate successive application of scratch and brown coats

STANDARDS

Raw materials meet or exceed the following standards:

- Portland Cement Type II/V : ASTM C-150
- Type S Lime: ASTM C-206
- Limestone, siliceous grade sands: ASTM C-897
- Fiber Standard ASTM C1116

PACKAGING

Calstone's 990 is available in 80 lb. (36.29 kg) weather resistant paper bags.

YIELD

Approximate Coverage: 80 lb (36.29 kg) bag of 990 Plaster Cement will yield approximately 1 yd² at 7/8" thick.

MIXING

Calstone's 990 must be mixed in a mechanical mixer, continuous mixer or with an electric drill mixer.

Mechanical Mixer: When using a mechanical plaster mixer, mix for three minutes but never more than five minutes. DO NOT OVERMIX.