



Portland Cement

A Hydraulic Portland Cement Binder
for Stucco, Mortar & Concrete Applications



- ASTM C150 compliant
- Suitable for scratch and brown



SB Stucco Basecoats

Description:

Portland Cement is a hydraulic cement manufactured to meet the requirements of ASTM C150. When combined with plaster sand and potable water, the product is used to produce portland cement plaster for exterior stucco applications.

Portland cement plaster produced with this material is commonly used for scratch and brown coat applications in conventional three-coat stucco assemblies and other plaster systems installed in accordance with ASTM C926.

Portland Cement functions as a cement binder and must be combined with plaster sand and water to produce plaster suitable for field application.

Packaging:

- Product is packaged in 94 lb / 42.6 kg bags.
- 35 bags per pallet.

Product Uses:

Portland Cement is used to produce portland cement plaster when mixed with plaster sand and potable water.

Typical applications include:

- Scratch coat plaster
- Brown coat plaster
- Jobsite-mixed portland cement plaster assemblies
- Conventional stucco systems installed in accordance with ASTM C926

Benefits:

- ASTM C150 compliant cement binder
- Suitable for production of portland cement plaster
- Compatible with ASTM C926 plaster applications
- Allows jobsite batching of plaster mix designs

Coverage:

Coverage of portland cement plaster produced with this product will vary depending on plaster mix proportions, sand gradation, and application thickness.

Portland cement plaster is produced by combining cement with plaster sand and water in accordance with ASTM C926 proportion

requirements. Final yield and coverage are determined by the selected mix design and jobsite batching procedures.

Coverage may also vary depending on substrate condition, application method and waste.

Mixing:

Portland Cement shall be mixed with plaster sand and potable water to produce portland cement plaster.

Plaster sand shall comply with ASTM C144 or ASTM C897.

Typical plaster mixing procedure:

1. Add plaster sand to a clean mortar mixer.
2. Add Portland Cement.
3. Dry blend materials until uniformly mixed.
4. Add potable water and mix to achieve a workable plaster consistency.
5. Mix until the plaster is uniform and workable for application.

Final mix proportions shall comply with ASTM C926 plaster requirements.

Application:

Plaster produced using Portland Cement shall be applied in accordance with ASTM C926.

Typical applications include:

- Scratch coat plaster
- Brown coat plaster

Application may be performed using standard plastering techniques including:

- Hawk and trowel
- Pump or spray application
- Rod and darby methods

Substrate preparation, lath installation, plaster thickness, and control joint placement shall comply with ASTM C926 and ASTM C1063.

Curing:

The product requires a minimum of forty-eight (48) hours moist curing. Environmental conditions such as heat, wind and low humidity will require additional curing.

Finishing:

Portland Cement is used to produce basecoat

plaster and is not intended as a finish coat material.

After proper curing of the basecoat plaster, compatible stucco finish materials may be applied in accordance with manufacturer recommendations.

Limitations:

- Portland Cement is a cement binder and must be combined with plaster sand and water to produce plaster.
- Not a ready-to-use stucco basecoat product.
- Performance of plaster produced with this material depends on proper jobsite batching, sand quality, and application procedures.
- Does not prevent cracking caused by structural movement, substrate instability, or improper joint placement.

Control joints shall comply with project drawings and specifications prepared by the design authority, or ASTM C1063.

Do not apply when surface or ambient temperatures are at or below 40°F / 4.4°C or above 100°F / 38°C. Do not apply to surfaces that are contaminated with bond breakers, oils or other matter that may affect the performance of the product. Do not apply if conditions are expected to be above or below the specified temperature range within 24 hours of application.

Storage:

Portland Cement shall be kept indoors or if stored outdoors, shall be adequately covered to keep dry and be stored off the ground.

Applicable Standards, Specifications and Codes:

- ASTM C150 – Portland Cement
- ASTM C926 – Application of Portland Cement-Based Plaster
- ASTM C1063 – Installation of Lathing and Furring to Receive Portland Cement-Based Plaster
- ASTM C144 – Aggregate for Masonry Mortar
- ASTM C897 – Aggregate for Job-Mixed Portland Cement-Based Plaster
- 2024 International Building Code (IBC)
- 2024 International Residential Code (IRC)





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Product Uses:



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Conditions of Use and Limited Warranty

Specifications for this product are based on optimal environmental conditions (70°F ambient temperature with 50% humidity) for preparation, mixing, application and curing. Specification parameters may vary as environmental conditions change. Consult the product's Safety Data Sheet or GHS Section located on the product package for hazard identification and first aid measures. KEEP OUT OF REACH OF CHILDREN.

Western Blended Products (WBP) warrants that its products are of merchantable quality and suitable for the general purpose for which they are intended when applied in accordance with WBP instructions. The manufacturers of WBP products do not warrant the products to be suitable for any purpose or use other than that for which they are intended. Liability under this warranty is limited to supplying new material without charge or, at the option of the manufacturer of the WBP product, refunding the purchase price. In the event of a claim under this warranty, written notice must be provided to the originating plant of the WBP product at the address shown herein. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts; therefore, the above limitations or exclusions may not apply.

