

Gold Bond® Gypsolite® Plaster

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Technical Information
800.NATIONAL • 800.628.4662

DESCRIPTION

Gold Bond® Gypsolite® Plaster is a lightweight gypsum basecoat plaster mixed at the plant with correctly sized and proportioned perlite aggregate, requiring only the addition of water on the job.

Complies with ASTM C28.

Gypsolite Plaster contains no asbestos.

BASIC USES

Applications

Gypsolite Plaster is designed for interior use in trowel application over gypsum or metal lath as described in ASTM C842.

Advantages

- Gypsolite Plaster assures uniformity through exact proportioning and thorough mixing of graded perlite and gypsum plaster at the mill. Gypsolite provides a uniform base for the finish coat.
- Weighs less than half as much as sanded gypsum plaster, reducing the dead-load on framing and jobsite handling costs.
- With a "k" factor of 1.5, Gypsolite Plaster provides about 3-1/2 times the insulating value of sanded plaster.
- Gypsolite has excellent fire-resistive qualities and generally provides fire ratings higher than sanded plaster.

LIMITATIONS

Do not use smooth-trowel finish over metal lath, as the combination of a relatively soft (perlite aggregated) basecoat and a hard (smooth-trowel lime/gauging) finish has the potential for cracking and spalling of the finish coat. Instead, specify a sand float finish.

TECHNICAL DATA

Physical Properties	Mill Mix
Compressive Strength, ASTM C472	900 lbf / sq. in. (6,201 kPa)
Tensile Strength, ASTM C472	160 lbf / sq. in. (1,102 kPa)

Mortar Thickness / Weight	
3/8" (9.5 mm)	14 lb. / sq. yd. (8 kg / m ²)

Mortar Weight	
Dryset Mortar	50 lb. / cu. ft. (801 kg / m ³)
Wet Mortar	69 lb. / cu. ft. (1,105 kg / m ³)

Approximate Coverage	
Packaging	49.5 lb. (22.5 kg) / Bag
Gypsum Plaster Base Applications	
– Approx. Coverage per Bag	32 – 35 sq. ft. (3.0 – 3.5 m ²)
– Applied Thickness	7/16" (11.1 mm)
Metal Lath Applications	
– Approx. Coverage per Bag	16 – 19 sq. ft. (1.5 – 1.8 m ²)
– Applied Thickness*	9/16" (14.3 mm)
Approx. Set Time	2-1/2 Hours

*Measured from face of lath.

Job Name _____

Contractor _____ Date _____

Submittal Approvals: (Stamps or Signatures)

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FOR MORE INFORMATION

Architectural Specifications

Gold Bond Building Products CSI MasterFormat® 3-part guide specifications are downloadable as editable Microsoft® Word documents at: goldbondbuilding.com.

Latest Technical Information and Update

Visit goldbondbuilding.com or call National Gypsum Company Construction Services: 1-800-NATIONAL (628-4662).

Technical Information *Información Técnica*

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