

# 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 <sup>2</sup> )	
Mortar Weight			
Dryset Mortar		50 lb. / cu. ft. (801 kg / m <sup>3</sup> )	
Wet Mortar		69 lb. / cu. ft. (1,105 kg / m <sup>3</sup> )	
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 <sup>2</sup> )	
– Applied Thickness		7/16" (11.1 mm)	
Metal Lath Applications			
– Approx. Coverage per Bag		16 – 19 sq. ft. (1.5 – 1.8 m <sup>2</sup> )	
– 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](http://goldbondbuilding.com).

### Latest Technical Information and Update

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

**Technical Information** Información Técnica

**1-800-NATIONAL®**  
**1-800-628-4662**

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