

# Veneer Plaster and Conventional Plaster



Gold Bond®  
Boards / Plaster

Whether your commercial or residential project requires a veneer or conventional plaster system, you will find the perfect match in our family of Gold Bond® BRAND products. Choose from among our outstanding options: five veneer plaster and five conventional plaster products featured in this section. Whichever system you specify, you will be pleased with the finished appearance and lasting performance of Gold Bond® Plaster Products.

**National**   
**Gypsum®**

# Veneer Plaster Products

## Gold Bond® BRAND Uni-Kal® Veneer Plaster



### DESCRIPTION

Gold Bond® BRAND Uni-Kal® Smooth Finish Veneer Plaster is a mill-mixed veneer finish plaster for smooth and textured troweled applications. It consists of specially ground, calcined gypsum, requiring the addition of water. Texturing grade silica sand may be added for textured finish. Complies with ASTM C587.

### APPLICATIONS

Use as a single-coat application over gypsum plaster base. A finish coat of Uni-Kal® Veneer Plaster may be used for interior smooth and textured trowel application over a gypsum plaster basecoat or as a single-coat application over gypsum plaster base.

#### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio</b>	13 – 15 qts. / Bag
<b>PSI</b>	1,400
<b>Approx. Coverage per Bag – Applied Thickness</b>	135 – 150 sq. ft. (12 – 14 m²) 3/32" (2.4 mm)
<b>One Coat to Level Over Masonry</b>	70 – 80 sq. ft. (6.5 – 7.5 m²)

## Gold Bond® BRAND X-KALibur® Extended Set Veneer Plaster



### DESCRIPTION

Gold Bond® BRAND X-KALibur® Extended Set Veneer Plaster is a mill-mixed veneer finish plaster for smooth troweled applications where an extended setting time is desirable. It consists of specially ground, calcined gypsum, requiring the addition of water. Texturing grade silica sand may be added for textured finish. Complies with ASTM C587.

### APPLICATIONS

Use as a single-coat application over gypsum plaster base. A finish coat of X-KALibur may be used for interior smooth and textured trowel application over a gypsum plaster basecoat.

#### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio</b>	13 – 15 qts. / Bag
<b>PSI</b>	1,400
<b>Approx. Coverage per Bag – Applied Thickness</b>	135 – 150 sq. ft. (12 – 14 m²) 3/32" (2.4 mm)
<b>One Coat to Level Over Masonry</b>	70 – 80 sq. ft. (6.5 – 7.5 m²)

## Gold Bond® BRAND Kal-Kote® Basecoat Veneer Plaster



### DESCRIPTION

Gold Bond® BRAND Kal-Kote® Basecoat Plaster is a specially designed high strength basecoat plaster for application 1/16" (1.6 mm) minimum thickness over Kal-Kote® Plaster Base, masonry or monolithic concrete that has been treated with a bonding agent. Strength of Kal-Kote® Basecoat is substantially greater than that exhibited by typical sanded basecoat plaster.

### APPLICATIONS

Veneer Plaster two-coat systems may be specified for virtually all types of partition and ceiling constructions, including wood or steel framing, or furring and masonry. For both residential and commercial buildings, either type of veneer plaster system produces a surface that is resistant to nail pops.

Kal-Kote Basecoat is a high strength basecoat plaster for application over Kal-Kote. This system offers four finish options: Kal-Kote® Smooth, Kal-Kote® Texture, Uni-Kal® and X-KALibur®.

#### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio</b>	6 – 8 qts. / Bag
<b>PSI</b>	2,500
<b>Approx. Coverage per Bag – Applied Thickness</b>	93 – 106 sq. ft. (8.6 – 9.8 m <sup>2</sup> ) 1/16" (1.6 mm)
<b>One Coat to Level Over Masonry</b>	50 – 63 sq. ft. (4.6 – 5.8 m <sup>2</sup> )

## Gold Bond® BRAND Kal-Kote® Smooth Finish Plaster



### DESCRIPTION

Gold Bond® BRAND Kal-Kote® Smooth Finish Plaster is a mill-mixed finish plaster for two-coat smooth-troweled applications. It consists of specially ground, calcined gypsum, requiring the addition of water. Complies with ASTM C587.

### APPLICATIONS

A finish coat of Kal-Kote® Smooth Finish Plaster is intended for interior smooth trowel application over a gypsum plaster basecoat.

Apply smooth finish plasters at a thickness of not more than 1/16 in. (1.6 mm).

#### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio</b>	18 – 20 qts. / Bag
<b>PSI</b>	1,000
<b>Approx. Coverage per Bag – Applied Thickness</b>	145 – 160 sq. ft. (13 – 15 m <sup>2</sup> ) 1/16" (1.6 mm)

# Veneer Plaster Products

## Gold Bond® BRAND Kal-Kote® Texture Finish Plaster



### DESCRIPTION

Gold Bond® BRAND Kal-Kote® Texture Finish Plaster is a mill-mixed finish plaster for textured applications. It consists of specially ground, calcined gypsum and aggregate, requiring the addition of water. Complies with ASTM C587.

### APPLICATIONS

A finish coat of Kal-Kote® Texture Finish Plaster is intended for interior textured application over a gypsum plaster basecoat in a two-coat system.

Apply finish plasters at a thickness of not more than 1/16 in. (1.6 mm).

### TECHNICAL DATA

<b>Bag Weight</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio</b>	11 – 12 qts. / Bag
<b>PSI</b>	1,000
<b>Approx. Coverage per Bag – Applied Thickness</b>	145 – 160 sq. ft. (13 – 15 m <sup>2</sup> ) 1/16" (1.6 mm)

# Conventional Plaster Products

## Gold Bond® BRAND Two-Way Hardwall Plaster



### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Gypsum Plaster Base Applications</b>	
– Approx. Coverage per Bag	40 – 50 sq. ft. (3.7 – 4.6 m <sup>2</sup> )
– Applied Thickness	7/16" (11.1 mm)
– Aggregate Proportion	Sanded 1:2-1/2
<b>Metal Lath Applications</b>	
– Approx. Coverage per Bag	20 – 26 sq. ft. (1.9 – 2.4 m <sup>2</sup> )
– Applied Thickness	9/16" (14.3 mm)
– Aggregate Proportion	Sanded 1:2-1/2
<b>Brick, Clay Tile, Concrete Block Applications</b>	
– Approx. Coverage per Bag	40 – 50 sq. ft. (3.7 – 4.6 m <sup>2</sup> )
– Applied Thickness	9/16" (14.3 mm)
– Aggregate Proportion	Sanded 1:3

\*Measured from face of lath.

NOTE: Sanded 1:2-1/2 means 1 part plaster to 2-1/2 parts sand by weight.

### PHYSICAL PROPERTIES

	Mix	Compressive Strength ASTM C472	Tensile Strength ASTM C472
<b>Vermiculite Mix</b>			
– Metal Lath and Gypsum Plaster Base (ASTM C516)	2 ft. <sup>3</sup> / 100 lb. (.06 m <sup>3</sup> / 45.4 kg)	500 lbf / sq. in. (3,445 kPa)	130 lbf / sq. in. (896 kPa)
– Masonry (ASTM C516)	3 ft. <sup>3</sup> / 100 lb. (.08 m <sup>3</sup> / 45.4 kg)	300 lbf / sq. in. (2,067 kPa)	90 lbf / sq. in. (620 kPa)
<b>Perlite Mix</b>			
– Metal Lath and Gypsum Plaster Base (ASTM C549)	2 cu. ft. / 100 lb. (.06 m <sup>3</sup> / 45.4 kg)	900 lbf / sq. in. (6,201 kPa)	160 lbf / sq. in. (1,102 kPa)
– Masonry (ASTM C549)	3 cu. ft. / 100 lb. (.08 m <sup>3</sup> / 45.4 kg)	650 lbf / sq. in. (4,479 kPa)	100 lbf / sq. in. (698 kPa)
<b>Sand Mix</b>			
	1:1	1,600 lbf / sq. in. (11,024 kPa)	250 lbf / sq. in. (1,722 kPa)
	1:2	1,150 lbf / sq. in. (7,923 kPa)	190 lbf / sq. in. (1,309 kPa)
	1:3	750 lbf / sq. in. (5,168 kPa)	120 lbf / sq. in. (827 kPa)

### DESCRIPTION

Gold Bond® BRAND Two-Way Hardwall Plaster is a basecoat gypsum neat plaster that requires the jobsite addition of an aggregate and water. When properly proportioned with aggregate, Two-Way Hardwall Plaster forms a hard, durable base for gypsum plaster finish coats. Complies with ASTM C28.

Use Two-Way Hardwall Plaster with sand or expanded lightweight aggregate conforming to ASTM C35. It is mechanically mixed at the jobsite. Apply it by hand or use it through pump/spray plastering machines.

Two-Way Hardwall Plaster consists of unaggregated gypsum plaster, and contains no asbestos.

### APPLICATIONS

Two-Way Hardwall Plaster is designed for interior use over all accepted plaster bases as described in ASTM C842.

Two-Way Hardwall Plaster is intended to serve as a basecoat plaster for finish plasters, such as:

- Gold Bond® BRAND Gypsum Gauging Plaster
- Gold Bond® BRAND Kal-Kote® Smooth Finish
- Gold Bond® BRAND Kal-Kote® Texture Finish
- Gold Bond® BRAND Uni-Kal®
- Gold Bond® BRAND X-KALibur®

### ADVANTAGES

**Controlled Uniformity:** Two-Way Hardwall Plaster is set-stabilized and adjusted for market requirements and seasonal changes. When mixed with sand or other aggregates, it has uniform working qualities and excellent spread.

**Strength:** Two-Way Hardwall Plaster properly proportioned with aggregate forms a hard, durable base for the finish coat that provides increased resistance to minor structural movements, impacts and abrasions.

**Fire Resistant:** Two-Way Hardwall Plaster is essentially mineral in composition and will not support combustion.

### RECOMMENDATIONS

Use sand mix plaster for general application and compressive strength.

Use vermiculite plaster for additional fire resistance.

Use perlite mix plaster for lightweight and fire resistance, including columns and beams.



# Conventional Plaster Products

## Gold Bond® BRAND Gypsolite® Plaster



### TECHNICAL DATA

<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Gypsum Lath Applications</b>	
– Approx. Coverage per Bag	32 – 35 sq. ft. (3.0 – 3.5 m <sup>2</sup> )
– Applied Thickness	7/16" (11.1 mm)
<b>Metal Lath Applications</b>	
– Approx. Coverage per Bag	16 – 19 sq. ft. (1.5 – 1.8 m <sup>2</sup> )
– Applied Thickness	9/16" (14.3 mm)*

\*Measured from face of lath.

### PHYSICAL PROPERTIES

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

### MORTAR THICKNESS/WEIGHT

<b>3/8" (9.5 mm)</b>	14 lb. / sq. yd. (8 kg / m <sup>2</sup> )
<b>1/2" (12.7 mm)</b>	19 lb. / sq. yd. (10 kg / m <sup>2</sup> )
<b>5/8" (15.9 mm)</b>	24 lb. / sq. yd. (13 kg / m <sup>2</sup> )
<b>3/4" (19.1 mm)</b>	29 lb. / sq. yd. (16 kg / m <sup>2</sup> )

### MORTAR WEIGHT

<b>Dryset Mortar</b>	50 lb. / cu. ft. (801 kg / m <sup>3</sup> )
<b>Wet Mortar</b>	69 lb. / cu. ft. (1,105 kg / m <sup>3</sup> )

### DESCRIPTION

Gold Bond® BRAND 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. Gypsolite® Plaster meets ASTM C28.

Gypsolite Plaster contains no asbestos.

### APPLICATIONS

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

Gypsolite Plaster is intended to serve as a basecoat plaster for finish plasters, such as:

- Gold Bond® BRAND Gypsum Gauging Plaster
- Gold Bond® BRAND Kal-Kote® Smooth Finish
- Gold Bond® BRAND Kal-Kote® Texture Finish
- Gold Bond® BRAND Uni-Kal®
- Gold Bond® BRAND X-KALibur®

### ADVANTAGES

**Controlled Uniformity:** 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.

**Lightweight:** Gypsolite Plaster weighs less than half as much as sanded gypsum plaster, thus reducing the dead-load on framing as well as jobsite handling costs.

**High Insulating Value:** With a "k" factor of 1.5, Gypsolite provides about 3-1/2 times the insulating value of sanded plaster.

**Fire Resistant:** 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.

# Gold Bond® BRAND Super-White Gauging Plaster



TECHNICAL DATA	
<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Approx. Coverage*</b>	225 – 315 sq. ft. / Bag (21 – 29 m <sup>2</sup> / Bag)

\*Based on 1 part plaster to 2 parts hydrated lime.

## DESCRIPTION

Gold Bond® BRAND Super-White Gauging Plaster, quick set type or slow set type, is intended for jobsite mixing with hydrated lime. It consists of specially ground, calcined gypsum, which readily mixes with water and hydrated lime.

Proper proportioning is essential, since gauging adds strength and hardness to the finish surface by reinforcing the plastic non-setting lime against shrinkage and cracking.

## APPLICATIONS

A finish coat of gypsum gauging plaster and hydrated lime, job mixed 2 parts hydrated lime to 1 part plaster by weight, is intended primarily for interior smooth trowel application over a gypsum plaster basecoat.

Apply smooth finish plasters at a thickness of not more than 1/16 in. (1.6 mm). Texture finishes should be applied at a thickness of not more than 1/8 in. (3.2 mm).

## LIMITATIONS

Do not use a 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.

# Gold Bond® BRAND Super-White Moulding Plaster



## DESCRIPTION

Gold Bond® BRAND Super-White Moulding Plaster is a very white, finely ground gypsum, primarily used for all kinds of ornamental plaster work. Because of its low expansion, excellent strength and hardness, it is specially adaptable for casting in rubber, gelatin and other types of moulds. For casting purposes, only water is added. For run-in-place ornamental work, such as cornices, the moulding plaster is used with lime putty, mixed 2 parts lime to 1 part moulding plaster by weight. Complies with ASTM C59.

TECHNICAL DATA	
<b>Packaging</b>	49.5 lb. (22.5 kg) / Bag
<b>Water Ratio*</b>	15-18 qts. / Bag

\*For casting purposes.

Gold Bond® BRAND

Conventional Plaster Products

Gold Bond® BRAND

Plaster Accelerator



DESCRIPTION

Gold Bond® BRAND Plaster Accelerator provides minor adjustments to the set time for conventional and veneer plaster systems. Adding a plaster accelerator to the mix causes gypsum crystals to form at a much quicker rate, shortening set times.

TECHNICAL DATA	
Packaging	1.5 lb. (0.7 kg) / Tub

Gold Bond® BRAND

Plaster Retarder



DESCRIPTION

Use Gold Bond® BRAND Plaster Retarder for minor to moderate lengthening of set times for plaster products. Gold Bond® Plaster Retarder slows the setting time of gypsum plasters. Due to jobsite conditions, the plastering contractor may need to alter the setting time to allow for suitable application and finishing.

TECHNICAL DATA	
Packaging	1.67 lb. (0.8 kg) / Tub

