

Two-Way Hardwall Gypsum Plaster

High strength basecoat plaster



AGGREGATE PROPORTION/ESTIMATED COVERAGE

Approximate Coverage

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

Measured from face to lath.

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

WEIGHT COMPARISON OF BASECOAT PLASTERS

Dry Set Mortar Weight	Sanded 1:3
Weight lbs. per cu. ft. (kg/m ³)	120 (1922)
Lbs./yd. ² (Kg/m ²) 3/8" (9.5mm) thick	34 (18)
Lbs./yd. ² (Kg/m ²) 1/2" (12.7mm) thick	45 (24)
Lbs./yd. ² (Kg/m ²) 5/8" (15.9mm) thick	56 (30)
Lbs./yd. ² (Kg/m ²) 3/4" (19.0mm) thick	67 (36)
Wet Mortar Weight	
Weight lbs. per cu. ft. (kg/m ³)	140 (2243)

Specification Reference

ASTM Designation C28, "Gypsum Plasters"

PHYSICAL PROPERTIES OF TWO-WAY HARDWALL GYPSUM PLASTER

Plaster Properties	Two-Way Hardwall							
	Gypsolite Regular	Gypsolite Plaster to Sand by Weight			Gypsum Plaster and Vermiculite		Gypsum Plaster and Perlite	
			1:1	1:2	1:3	Regular	Masonry	Regular
Mix	Mill Mix				100 lbs (45.4 kg) 2 cu. ft. (.06 m ³)	100 lbs (45.4 kg) 3 cu. ft. (.08 m ³)	100 lbs (45.4 kg) 2 cu. ft. (.06 m ³)	100 lbs (45.4 kg) 3 cu. ft. (.08 m ³)
Approximate Compressive - Strength lbs. per sq. in. (kPA)	900 (6201)	1600 (11024)	1150 (7923)	750 (5168)	500 (3445)	300 (2067)	900 (6201)	650 (4479)
Approximate Tensile - Strength lbs. per sq. in. (kPA)	160 (1102)	250 (1722)	190 (1309)	120 (827)	130 (896)	90 (620)	160 (1102)	100 (689)

Gold Bond® Two-Way Hardwall Plaster is a basecoat gypsum neat plaster which requires the jobsite addition of an aggregate and water to produce working qualities. When properly proportioned with aggregate, Two-Way Hardwall Plaster forms a hard, durable base for the finish coats of another gypsum plaster. 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.

BASIC USES

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

Two-Way Hardwall Plaster is a basecoat plaster for finish plasters such as:

- Gold Bond® Kal-Kote® Smooth Finish Plaster
- Gold Bond® Kal-Kote® Texture Finish Plaster
- Gold Bond® Uni-Kal® Veneer Plaster
- Gold Bond® X-KALibur® Extended Set Veneer Plaster
- Gold Bond® Super-White Gauging Plaster Quick Set
- Gold Bond® Super-White Gauging Plaster Slow Set

ADVANTAGES

- 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.
- When properly proportioned with aggregate, Two-Way Hardwall Plaster forms a hard, durable base for the finish coat and provides increased resistance to minor structural movements and impacts.
- Fire resistant: Two-Way Hardwall Plaster is essentially mineral in composition and will not support combustion.