

VENEER PLASTER SYSTEM COMPONENTS



GOLD BOND BRAND KAL-KORE

Gold Bond Kal-Kore is a tapered edge gypsum wall-board plastering base having a blue absorptive face paper surface designed to permit rapid trowel application and strong bond of Kal-Kote, Uni-Kal and X-KALibur plasters. Also available foil backed or Fire-Shield (type X). Kal-Kore is manufactured to conform to ASTM Specification C 588/C 1396 and CSA A82.27.

HI-ABUSE BRAND KAL-KORE PLASTER BASE

Hi-Abuse Brand Kal-Kore Fire-Shield Type X Plaster Base panels consist of a fire resistive type X gypsum core encased in a heavy, blue absorptive face paper designed to permit rapid trowel application and strong bond of Uni-Kal veneer plaster and strong liner paper on the back side. Hi-Abuse Brand Kal-Kore Fire-Shield Type X Plaster Base features a

specially formulated core to provide fire resistance ratings when used in tested systems as well as greater resistance to surface indentation. Long edges of the panels are tapered to allow joints to be reinforced and concealed with Kal-Mesh Tape and Uni-Kal Plaster.

HI-IMPACT BRAND 5/8" KAL-KORE FIRE-SHIELD TYPE X

Hi-Impact Brand Kal-Kore Fire-Shield Type X plaster base is a tapered edge panel consisting of a fire resistive type X gypsum core encased in a blue absorptive face paper designed to permit rapid trowel application and strong bond of Kal-Kote, Uni-Kal and X-KALibur plasters and strong liner paper on the back side. Lexan film is bonded to the back side of the panel to provide additional impact/penetration resistance. Kal-Kore Fire-Shield Type X Hi-Impact is manufactured to conform to ASTM specification C 588/C 1396 and Federal Specification SS-L-30D Type VI Grade X (Fire-Shield).

SPECIFICATIONS

Size	Thickness	Edge	Pcs./Bdl.
4'x8' (1219 mm x 2438 mm)	3/8" (9.5 mm)	Tapered	2
4'x8', 12' (1219 mm x 2438 mm, 3657 mm)	1/2" (12.7 mm) 1/2" (12.7 mm) FSK-G	Tapered	2
4'x8', 12' (1219 mm x 2438 mm, 3657 mm)	5/8" (15.9 mm) FSK	Tapered	2
4'x8', 12' (1219 mm x 2438 mm, 3657 mm)	5/8" (15.9 mm) FSK Hi-Abuse	Tapered	2
4'x8', 12' (1219 mm x 2438 mm, 3657 mm)	5/8" (15.9 mm) FSK Hi-Impact	Tapered	2

FASTENERS FOR ATTACHING KAL-KORE

Framing	Kal-Kore	Fastener	Fastener Spacing
Screw Studs & Furring	1/2" (12.7 mm) 5/8" (15.9 mm)	Type S Screws 1" (25.4 mm) for single layer 1-5/8" (41.3 mm) for two-ply	12" o.c. Max. (305 mm)
Wood Framing	3/8" (9.5 mm) 1/2" (12.7 mm) 5/8" (15.9 mm)	1-1/4" (31.8 mm) annular or 4d box nails** 1-1/4" (31.8 mm) annular or 5d box nails** 1-3/8" (34.9 mm) annular or 6d box nails**	Ceiling 7" o.c. (178 mm) Max. Sidewall 8" o.c. (203 mm) Max.

**Alternate: On walls, 1-1/4" (31.8 mm) Type W screws are spaced 12" (305 mm) when framing is 24" o.c. (610 mm), 16" (406 mm) when framing is 16" o.c. (406 mm).

TABLE 1—SPACING OF FRAMING OR FURRING

Type of Framing or Furring	Kal-Kore Thickness	Maximum Spacing on center
Wood	3/8" (9.5 mm)	*16" (406 mm)
	1/2" (12.7 mm)	**24" (610 mm)
	5/8" (15.9 mm)	24" (610 mm)
***Metal	3/8" (9.5 mm)	N.A.
	1/2" (12.7 mm)	16" (406 mm)
	5/8" (15.9 mm)	24" (610 mm)

N.A.—Not Approved.

* Bound edge of Kal-Kore must be at right angles to framing for ceiling or walls.

** Bound edge of Kal-Kore must be at right angles to joists. 16" (406 mm) maximum spacing for bound edge of Kal-Kore parallel to joists.

*** On ceilings, screw furring channel [7/8" (22.2 mm) depth] shall span 48" (1219 mm) maximum. Resilient furring channel [1/2" (12.7 mm) depth] shall span 24" (610 mm) maximum. For greater spans, 1-5/8" (41.3 mm) Screw Studs may be used as Ceiling Furring Channels provided they are secured with flanges up (open side up) at spans not to exceed: 6' (1829 mm) at 12" o.c. (305 mm) spacing, 5'6" (1676 mm) at 16" o.c. (406 mm) spacing and 5' (1524 mm) at 24" o.c. (610 mm) spacing.

KAL-KOTE BASE PLASTER

Kal-Kote Base Plaster is a specially designed high strength basecoat plaster for application 1/16" minimum thickness over Kal-Kore, masonry or monolithic concrete that has been treated with a bonding agent.

Strength of Kal-Kote Base is substantially greater than that exhibited by typical sanded basecoat plaster.

Fire Resistance

Fire ratings equivalent to those of drywall systems can be obtained by applying the corresponding Kal-Kore type and thickness over the same framing member size and spacing, with the same fasteners. The total plaster thickness should be a minimum of 1/8". The minimum 1/8" thickness is achieved by applying a finish not exceeding 1/16" over 3/32" of Kal-Kote Base Plaster.

Specification Reference

ASTM Designation C 587.

Bag Weight

80 lbs. (36.3 kg)

Coverage (est.)

1/16" on Kal-Kore Base, 425-475 sq. yds. per ton (150-170 sq. ft. per bag). One coat to level over masonry, 225-275 sq. yds. per ton (80-100 sq. ft. per bag).

KAL-KOTE SMOOTH FINISH

Gold Bond Kal-Kote Smooth Finish is designed to provide a white smooth trowel finish using conventional plastering techniques. Apply not exceeding 1/16" over Kal-Kote Base.

Requires the addition of water only. It may also be used as a finish for conventional basecoat plasters. Small amounts of commercial retarder may be cautiously used to slow the setting time when used over conventional basecoat plasters.

Bag Weight

50 lbs. (22.7 kg)

Coverage (est.)*

1/16" coat troweled on Kal-Kote Base Plaster, 650-700 sq. yds. per ton (145-160 sq. ft. per bag).

KAL-KOTE TEXTURE FINISH

Gold Bond Kal-Kote Texture Finish is designed to provide a variety of decorative surfaces using common plastering techniques. Applied as a 1/16" finish coat over Kal-Kote Base. It requires the addition of water only.

Bag Weight

50 lbs. (22.7 kg)

Coverage (est.)*

1/16" coat troweled on Kal-Kote Base Plaster, 650-700 sq. yds. per ton (145-160 sq. ft. per bag).

UNI-KAL/X-KALIBUR

Uni-Kal and X-KALibur are single component veneer plasters for application over Gold Bond tapered edge 1/2" Regular or 5/8" Fire-Shield Kal-Kore, 5/8" Hi-Abuse Kal-Kore, 5/8" Kal-Kore Hi-Impact or as a finish coat over Kal-Kote base. When applied in a thin coat 3/32" thick and troweled to a smooth finish, they provide a durable, abrasion-resistant surface for further decoration. X-KALibur has a longer extended working time. Uni-Kal and X-KALibur may be worked to a variety of textured finishes.

Uni-Kal and X-KALibur applied not exceeding 1/16" may be used as a finish coat over a 3/32" coat of Kal-Kote Base Plaster for a total minimum thickness of 1/8".

Strength of Uni-Kal and X-KALibur provides a surface resistant to abrasion, cracking and nail-pops.

Fire Resistance

Fire ratings equivalent to those of drywall systems can be obtained by applying the corresponding Kal-Kore type and thickness over the same framing member size and spacing with the same fasteners and 3/32" of Uni-Kal or X-KALibur.

Specification Reference

ASTM Designation C 587.

Bag Weight

50 lbs. (22.7 kg)

Coverage (est.)*

3/32" on Kal-Kore Base, 600-665 sq. yds. per ton (135-150 sq. ft. per bag). One coat to level over masonry, 300-350 sq. yds. per ton (70-80 sq. ft. per bag).

*Coverage estimates over conventional plasters are approximately the same as over Kal-Kore Base Board for conventional plasters.