

USG Industrial & Specialty Solutions



INDUSTRIAL PLASTERS & GYPSUM CEMENTS PRODUCT PORTFOLIO

USG INDUSTRIAL AND SPECIALTY PRODUCTS have changed the way customers think about gypsum products and their uses. We challenge ourselves and our customers to find unique solutions for all projects, big and small, using our...

TRUSTED, HIGH-QUALITY PRODUCTS.

ARCHITECTURAL

Enduracast™ Gypsum Matrix

- Fire-resistant, specially formulated gypsum cement – the strongest in its category.
- Ideal for use in abuse-resistant interior architectural applications.

Hydrocal® FGR 95

- Fast-setting gypsum cement designed for strong, resilient glass-reinforced product fabrication. Superior fire retardant properties allow for code-compliant installations in a variety of public and private structures.
- Ideal for use in ornamental mold manufacturing.

ART & STATUARY

Drystone™ Casting Media

- Unique plaster media requires no drying- cast and paint in one day. Fabricate solid cast interior pieces with excellent duplication of intricate details.
- Ideal for 3D casting.

Hydrocal® White Gypsum Cement

- Multi-purpose gypsum cement ideal for both solid and hollow casting of lamp bases and figurines. High green strength minimizes breakage during removal from the most intricate latex molds.
- Ideal for use in the statuary industry.

Hydro-Stone® Gypsum Cement

- Exceptionally strong gypsum cement designed for stretch-press dies and producing cope-and-drag equipment. *Produces high-quality, indoor novelty and statuary castings that require extremely hard surfaces and superior reproduction of fine detail. Offers greater expansion vs. Hydrocal A-11 or B-11 gypsum cements. *High water absorption resistance.
- Ideal for use in the statuary and pottery industry, and grout manufacturing.

Hydrocal® Statuary

- High strength gypsum cement designed for both hollow and solid casting methods. Hydrocal® Statuary produces harder and stronger casts than Hydrocal® White Gypsum Cement.
- Ideal for use in the making of statuary products.

Tuf-Cal™ Casting Statuary Plaster

- Unique polymer- and fiber-modified interior casting plaster for hollow and solid castings. High early strength; high impact- and chip-resistance.
- Ideal for use in the making of statuary products.

USG® No. 1 Moulding Plaster

- Ornamental plaster used for creating decorative trim or running cornices. Designed for use where expansion control, hardness and strength are not primary considerations.
- Great multi-purpose product.

USG® No. 1 Casting Plaster

- Sets the industry standard for a lightweight, economical, bright white plaster.
- Ideal for hollow and solid casting applications to create figurines, moldings and plaques in hobby and statuary industries.

USG® White Art Plaster

- Specially formulated interior casting plaster for creating hollow and solid novelty art castings. Surface-hardening agent minimizes paint absorption.
- Ideal for use in the statuary industry.

Tuf-Stone™ Gypsum Cement

- Polymer-modified, fiber-infused interior casting material formulated to achieve nearly three times the impact resistance of standard materials. High compressive strength for solid cast giftware applications.
- Ideal for architectural and ornamental manufacturers.



CERAMICS

Cerami-Cal® Gypsum Cement

- Used for pressing clayware and provides a controlled density, smooth-wearing, die material formulation.
- Designed specifically for use with the RAM™ automatic clay-forming process manufacturing.

Duramold™ Pottery Plaster

- High performance plaster delivers a longer-lasting, more durable slip casting mold.
- Ideal for both casting and jiggering applications in the pottery and tooling industry.

Puritan® Pottery Plaster

- Specially formulated plaster that produces denser, longer-wearing jigger molds used in mechanical clay-forming machinery. Available with or without thermal shock additive.
- Ideal for use in the ceramic industry.

USG® Pottery Plaster Regular

- Industry standard pottery plaster for absorbent slip casting molds. Non-toxic, all-purpose pottery plaster.
- Ideal for use in the pottery industry.

FILLERS - Cement & Plastics

CAS-20® -4 Calcium Sulfate Filler

- Extremely bright white mineral used to extend more costly titanium dioxide. An anhydrous form of calcium sulfate used in white color concentrates and filled plastics applications.
- Ideal for use by plastic compounders and paint manufacturers.

USG® Terra Alba No. 1

- Dihydrate form of calcium sulfate used in low temperature thermoset plastic and specialty cement applications. Often used as a flame-retarding filler when processed at room temperature.
- Ideal for use in specialty cements and grouts.

Snow White® Anhydrous Calcium Filler

- Anhydrous form of calcium sulfate used in specialty cements, grouts and mortars. Helps to control shrinkage and set time and contributes to improved green strength in cementitious systems.
- Ideal for use in specialty cements and grouts.

ROAD REPAIR

Duracal® Cement

- Specially formulated above-grade concrete patching material. Positive expansion allows traffic return one hour after set. Ideal for expressway, road, ramp, bridge, parking lot and commercial concrete floor repair.
- Ideal for use by Department of Transportation and contractors doing bridge or deck repairs.

TOOLING & PROTOTYPING

Hydrocal® A-11 Gypsum Cement

- High-strength gypsum cement featuring a low setting expansion. Adaptable to production on hard, strong, tough patterns and duplicator models
- Ideal for use by tooling manufacturers that need a white product and glass manufacturers.

Hydrocal® B-11 Gypsum Cement

- High performance plaster delivers a longer-lasting, more durable slip casting mold.
- Ideal for both casting and jiggering applications for glass manufacturers, and for tooling manufacturers that prefer a grey color product.

Ultracal® 30 Gypsum Cement

- Superior tooling gypsum cement features exceptional strength and hardness. Low-absorption, designed for use in case molds.
- Ideal for use by tooling manufacturers and also used in specialty grouts and cements.

For Product Information
and Literature:
800-USG-4YOU (874-4968)
or visit usg.com



Manufactured by
United States Gypsum Company
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