



Industrial Gypsum Products



Casting Plasters

The beauty of statuary and other dimensional art can depend, in part, on the artist's choice of material. With casting plasters from Georgia-Pacific Gypsum providing the very substance of quality, both the artist and the creation are enhanced. Our products—especially formulated to exacting specifications—represent the finest casting plasters available for arts and crafts applications.

Casting plasters from Georgia-Pacific Gypsum are produced from high-quality ingredients. The mined gypsum is calcined and treated to ensure proper characteristics. In addition, it is precision ground to ensure optimum particle size. Throughout this process, the material is subjected to strict inspections and testing to guarantee its high level of quality.

Statuary Plaster

Statuary Casting Plaster No. 1

Polycast Gypsum Plaster

Denscal® Gypsum Plaster

Denscal® WH Gypsum Cement

Denscal® ST Gypsum Cement

Densite® K-5 Gypsum Cement

Densite® K-6 Gypsum Cement



Pottery Plasters

Used both as an important ingredient and a working mold medium, Georgia-Pacific Gypsum Pottery Plaster is an essential factor in the ceramic industry. From whiteware and sanitaryware to artware and statuary, from insulators and stoneware to special refractories, the versatility of gypsum is a valued resource. Without gypsum to shape and dewater the clay, slipcasting, jiggering and pressing operations wouldn't be nearly as effective.

Georgia-Pacific Gypsum's Pottery Plasters have a consistency that allows high-density molds to be produced, then poured without pinholes or loss of detail. There's no binding or warping. You're ensured proper fit on a jigger ring and an accurate size and shape. Whether you're concerned with purity, absorption or set time; life or strength—or any combination—there's a Georgia-Pacific Gypsum Pottery Plaster to fill your need.

K-55 Pottery Plaster

K-58 Pottery Plaster

K-59 Pottery Plaster

K-60 Pottery Plaster

K-62 Pottery Plaster

K-63 Pottery Plaster

Densite® K-13 Gypsum Cement

Densite® K-25 Gypsum Cement

Densite® K-33 Gypsum Cement

Densite® K-40 Gypsum Cement

Denscal® TL Gypsum Cement



Specialty Plasters

Georgia-Pacific specialty plasters produce hard, smooth surfaces that hold fine detail and deliver compressive strengths up to 18,000 PSI. Our plaster products meet the needs of specialized applications.

Glass-Reinforced Gypsum (GRG)

The beauty and longevity of architectural decoration today depends, in part, on an architect's or builder's choice of the right material for the right application. With GRG plasters from Georgia-Pacific Gypsum, columns, domes, decorative mouldings, ceiling tiles are possible with a minimum of effort at an affordable cost.

Dental and medical applications

High-quality specialty plasters find applications in a wide range of dental and medical uses. High compressive-strength mixes are excellent for moulding crowns, bridgework and orthodontic fixtures. Other plaster-based materials are still the standard for sturdy, cost-effective medical casting applications.

Investment casting

The casting process—also known as the lost wax process—can produce intricate shapes with high accuracy. Investment casting plasters may include binders and refractory fillers. The high dimensional stability of these plasters allows mechanical tolerances of 0.5% in routine production.

Georgia-Pacific Gypsum offers several specialty plaster products engineered to meet a wide variety of specifications. While our standard formulations generally meet most needs, we can also customize a special formulation based on your specifications for a particular application.

Densite® HL Gypsum Cement

Densite® K-4 Gypsum Cement

Denscal® IC Gypsum Cement

Industrial Molding Plaster

Lab Plaster



Agricultural Gypsum

Both as a soil amendment and a fertilizer, gypsum is beneficial and economical. Georgia-Pacific Gypsum's Bumper Harvest® is processed from pure uncalcined gypsum, ground to a fineness as high as 90 percent through a 100 mesh. In this form, it is widely used to increase yields in a variety of crops, as well as for environmental landscaping, park and lawn maintenance, golf courses, athletic fields, commercial mushroom cultivation, and poultry breeding.

Georgia-Pacific Gypsum is a dependable source for gypsum that rates uniformly high in quality and purity. You can count on the properties in Bumper Harvest gypsum to make a consistent contribution to healthy and sustained crop growth.

Bumper Harvest® Gypsum



Industrial Tooling Plasters

High-quality Georgia-Pacific Gypsum Industrial Tooling Plasters have been widely used in the aircraft and automotive industries. It is vital to the ceramic and foundry industries as well.

Uniform texture and densities ensure that Georgia-Pacific Gypsum Tooling Plasters adhere to the exacting specifications demanded by leading manufacturers. Our Industrial Tooling Plasters attain and hold close tolerances, maintaining minimum expansion. Stability is also critical. Our products will not warp or shrink under normal temperature and humidity ranges. Their excellent adaptability makes our tooling plasters ideal for the most intricate and complex designs. Add to these benefits a surprising cost effectiveness (gypsum cements require just $\frac{1}{3}$ to $\frac{1}{2}$ the time of standard tooling techniques), and you have yet another reason for making Georgia-Pacific Gypsum a valuable part of your tooling process.

Denscal® WH Gypsum Cement

Denscal® TL Gypsum Cement

Denscal® ST Gypsum Cement

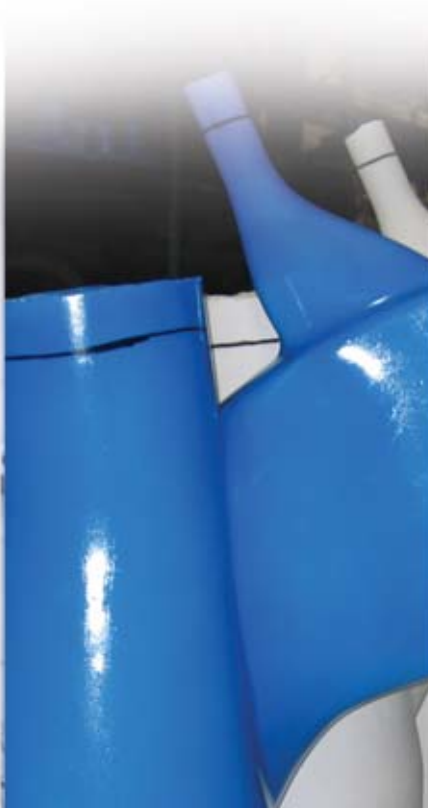
Densite® K-12 Cement

Densite® K-13 Cement

Densite® K-25 Cement

Densite® K-33 Cement

Industrial Molding Plaster



Metal Casting Plasters

Regular metal casting plaster is an industry standard calcined gypsum formulation, designed for pressure casting nonferrous alloys. Metal casting plaster is used by leading producers of aluminum match plates and for gravity and static casting of non-ferrous alloys.

Georgia-Pacific Gypsum's Metal Casting Plaster is a superior calcined gypsum formulation containing carefully proportioned refractories to insure uniformity and burnout shrinkage in molds and cores. Our plaster is designed for nonferrous alloy casting with an exceptionally fine finish and very close tolerance. Use our Metal Casting Plaster as a mold media for pressure and static casting aluminum matchplates, as well as other nonferrous alloys; beryllium, copper, brass and bronze. Georgia-Pacific Gypsum's Metal Casting is ideally suited for automatic or continuous mixing equipment.

Denscal® WH Gypsum Cement

Denscal® HP Gypsum Cement

Medium-High Expansion Densite®

Low Expansion Densite®

Metal Casting 278

Metal Casting 280

Metal Casting 475

Metal Casting 477

Metal Casting 481





Georgia-Pacific Gypsum Products, Always Ready to Help

You can depend on Georgia-Pacific Gypsum for the highest quality specialty plasters in the industry—and for all the technical information and hands-on experience you may need. For information on specific product lines please contact your Georgia-Pacific Gypsum representative at 1-888-PLASTER (1-888-752-7837).

We welcome the opportunity to serve you.



Georgia-Pacific
Gypsum

SALES INFORMATION AND ORDER PLACEMENT

U.S.A. Midwest: **1-800-876-4746** West: **1-800-824-7503**
South: **1-800-327-2344** Northeast: **1-800-947-4497**

CANADA Canada Toll Free: **1-800-387-6823**
Quebec Toll Free: **1-800-361-0486**

TECHNICAL INFORMATION

Georgia-Pacific Gypsum Technical Hotline
U.S.A. and Canada: **1-800-225-6119**
www.gpgypsum.com

CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

TRADEMARKS

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UPDATES AND CURRENT INFORMATION

The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

LIMITATION OF REMEDIES AND DAMAGES

Unless otherwise stated in our written warranty for these products, our sole liability for any product claim shall be limited to reimbursement of the cost of repair or replacement of the affected product, up to a maximum amount of two times the original purchase price for the affected product. We shall not be responsible under any circumstances for lost profits, damage to a structure or its contents, or indirect, incidental, special or consequential damages. Claims shall be deemed waived if they are not submitted to us

in writing within ten (10) days after discovery of a product defect/circumstance giving rise to a claim.

CAUTION: For product fire, safety and use information, go to gp.com/safetyinfo.

HANDLING AND USE

CAUTION: Heat develops as the product hardens (rehydrates) and may cause serious burns resulting in possible permanent injury. After mixing with water, do not allow prolonged contact with skin until the product has completely hardened and cooled. Mixing or sanding this product after drying may generate dust which can irritate eyes, nose, throat, skin and upper respiratory tract. Use wet sanding to minimize dust generation and always maintain proper ventilation in the work area. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Use a dust mask or NIOSH/MSHA approved respiratory protection during mixing dry materials, while

sanding and during clean-up as appropriate. For Material Safety Data Sheet or additional information, call 1-800-225-6119 or go to www.gpgypsum.com.

FIRE SAFETY CAUTION

Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.