

PROTECTIVE COATINGS FOR MASONRY

PROTECT YOUR INVESTMENT



Constructing a masonry structure is a significant and costly investment. Safeguard that investment and preserve your building's appearance for years with specialty protective coatings from York Building Products.

In collaboration with a team of U.S.-based chemists, we developed these specialized coatings to meet our customers' precise needs while maintaining the integrity of our block colors and finishes.

Prioritizing environmental responsibility and human safety, all our coatings are low-VOC and eco-friendly.

When specifying our masonry products, be sure to include the appropriate coatings by name to enhance the longevity, durability, and beauty of your structure.

COLOR & FINISH ENHANCEMENT

GRAFFITI REMOVAL

WATER REPELLENT

MOLD RESISTANCE



Protective coating products are backed with a 7-year warranty.

COLOR & FINISH ENHANCEMENT

— GEMCOAT™ —

GEMCOAT water resistant sealer represents an innovation for enhancing our premium architectural masonry units. It is a liquid membrane sealer made of 100% acrylic polymer formulation that creates a full-gloss finish that protects and improves the appearance of architectural block.

GEMCOAT enhances and deepens the beauty and color of the aggregates within the masonry unit, and is the same sealer that is applied to our block units during production.

GEMCOAT is resistant to liquids, yet is vapor/air permeable. It provides excellent protection from the elements, such as water, alkalis, acids, air borne pollutants and ultraviolet light, without losing the clear gloss finish.

Benefits:

- Full-gloss finish
- Fast drying: dry to the touch in 10 to 15 minutes
- Water resistant, yet vapor and air permeable
- Meets most state and federal VOC requirements
- Cleanable with commercially available surface cleaners
- Low film build application: 5 wet mils max

Performance Testing

GEMCOAT™ spray applied at 4-6 wet mils to masonry units, allowed to air dry, then subjected to the following agents with no effect or damage to the GEMCOAT™ finish:

Test/Agent	Duration
Graffiti-Clean™	1 hour*
Hydrochloric Acid	3 hours
Water	24 hours*
Hydrogen peroxide	24 hours
Motor oil	24 hours
Formula 409	24 hours
Magic marker	4 days
#2 pencil	4 days
Carbon paper	4 days
100% Crosshatch adhesion	4 days

*Independent laboratory testing

GEMCOAT™ APPLICATION:

1. Substrate must be dry and clean of oil and dirt.
2. Apply GEMCOAT using a brush, roller or spray.
2. Let stand for a minimum of 15 min.

— GEMCOAT-WB™ —

A water-resistant sealer similar to our standard GEMCOAT sealer, but uses a *water-based* formula versus solvent-based.

Due to its water-based formulation, there is virtually no odor, making it the perfect application for sensitive environments like schools, hospitals and office buildings that may already be occupied.

Benefits:

- Water-based = low odor and water clean-up
- Good for currently-inhabited buildings
- Full-gloss finish
- Cleanable with water-based cleaners

GEMCOAT-WB™ APPLICATION:

1. Substrate must be dry and clean of oil and dirt.
2. Apply GEMCOAT-WB using a brush, roller or spray.
3. Let stand for a minimum of 30 minutes.

Important Notes:

- GEMCOAT-WB must be protected from freezing during storage.
- Substrate and product must be above 55° F during application.

GRAFFITI REMOVAL

— GRAFFITI-CLEAN™ —

Whether your building is “tagged” by a graffiti artist or treated to innocent “artwork” by a student wielding crayons, you need fast results and a totally clean removal. GRAFFITI-CLEAN is an environmentally friendly cleaner that removes most paint, crayon, oil, permanent marker, varnish, glue, etc., from most CMU wall surfaces.

Available in one-gallon containers or custom quantities by special order.



Benefits:

- Water-based formula
- Easy to apply
- Non-acid-based
- Invisible, will not discolor block
- Removes a wide variety of stains

GRAFFITI-CLEAN™ APPLICATION:

1. Apply GRAFFITI-CLEAN using a plastic stiff bristle brush.
2. Let stand a minimum of 15 seconds or up to 15 minutes, depending on stain severity.
3. Wipe off with a damp cloth.
4. When stain is finally removed, wash the masonry surface with water, ensuring all of the product is removed.

WATER REPELLENT

— WATER-SHIELD™ —

Apply WATER-SHIELD for post-construction application to give building envelopes additional moisture protection, including mortar joints.

Provides a long-term beading effect over the masonry surface, keeping moisture out of even the smallest pinholes.

Benefits:

- Zero VOC
- Silane siloxane
- Invisible-- not shiny
- 7-year water repellency
- Blocks pores in block, avoiding water penetration from exterior, while allowing interior air and vapor transfer
- Recommendation: spray over mortar joints to provide full masonry protection

With WATER-SHIELD™ Untreated



WATER-SHIELD™ APPLICATION:

1. Substrate must be dry and clean of oil and dirt.
2. Apply WATER-SHIELD using a sprayer.
3. Let stand for a minimum of 20 minutes.

MOLD RESISTENCE

GEMCOAT — Mold-Resistant Additive™ —



A coating additive for use with our Gemcoat™ concrete sealers. When applied to concrete masonry units, this coating creates an anti-microbial film that will help inhibit the growth of bacteria, mold and mildew on the coating.

TWO VERSIONS AVAILABLE:

Gemcoat Mold Resistant Additive™

Solvent-based formulation (for mixing with GEMCOAT)

Gemcoat-WB Mold Resistant Additive™

Water-based formulation (for mixing with GEMCOAT-WB)

Available by special order. Lead times may apply.

Product Data Sheets and test reports are available for download at yorkbuilding.com.



Office Wall Mold

MIXING INSTRUCTIONS:

1. Add 1 fl oz of agent per 1 gallon of Gemcoat sealer.
2. Mix well.

Full Portfolio of Masonry Protective Coatings



GEMCOAT™
Available in
5-gal. pails, with
EZ-Pour spout



GEMCOAT-WB™
Available in
5-gal. pails, with
EZ-Pour spout



WATER-SHIELD™
Available in
5-gal. pails, with
EZ-Pour spout



GRAFFITI-CLEAN™
Available in 1-gal.
pails



**MOLD-RESISTENT
ADDITIVE™**
Available in 5 fluid
ounce containers.



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