



Armor Guard

Product Summary Sheet
AG-16200



Real, proven protection that stands up to the toughest job-site conditions on the planet. The Armor Guard protective system will save your project thousands of dollars in costly jobsite repairs while keeping your paint and glass warranty intact.



ARMOR - GUARD

PROTECTIVE COATINGS, INC.



Contact Tanner at 800-456-2658
www.tannerbolt.com



The following information is a basic guideline on the characteristics and capabilities of Armor Guard Protective Coatings; peelable protective coating.

Armor Guard is designed to provide temporary protection to your construction projects. Armor Guard is able to achieve this because of its extremely tough, waterproof, UV resistant protective skin that last for up to 3 years on interior and exterior surfaces.

Armor Guard is what is known as a waterborne formula (i.e. VOC free/does not contain dangerous solvents or chemicals). Because of the unique formula, it is non-corrosive and non-flammable.

Water-based coatings rely on the surrounding climate temperature, airflow, and other natural elements to assist in the curing time. In dry, arid climates, the coating will cure faster as opposed to colder or humid environments. Forced air ventilation will speed up the drying process.

Armor Guard is 100% water soluble in its liquid state. Once cured Armor Guard creates a non-adhesive second-skin membrane that is water proof, solvent resistant and impervious to most job site chemicals. Armor Guard is abrasion resistant, and protects surfaces from welding damage, grind spark, cement damage, fire safing, chemical etching, paint overspray, masonry washes and caustic roof runoff during construction.

The single most important factor in the application and removal of Armor Guard is the thickness of the coating. With proper thickness, Armor Guard is incredibly easy and quick to remove. If applied too thin, Armor Guard will not easily peel off; apply additional coatings to achieve proper thickness. Masking/taping-off edges and avoid

feathering is important for product peelability; remove masking immediately after application while product is still wet to create a solid edge.

Following these guidelines will ensure proper protection and easy removal of the product.

Armor Guard is suitable for most non-porous and semi-porous substrates (i.e. glass, aluminum, GRP, GFRP, Precast, concrete, stone, tubs, showers, etc.). Armor Guard is not suitable for use on 100% acrylic surfaces. All painted, powder coated, anodized or caulked surfaces should be cured per manufacturer's specifications before Armor Guard application. When in doubt contact your local distributor for product compatibility testing.

Contact Armor Guard for additional questions.



How-to-Apply 101 visit armorguard.us/videos





ARMOR - GUARD



PRODUCT SUMMARY SHEET

ARMOR-GUARD “GLASS-GUARD”

Protective Strippable Coating

PRODUCT GUIDELINE

The following information is a basic guideline on the characteristics and capabilities of our temporary protective coating **ARMOR-GUARD “GLASS-GUARD”**.

-  **ARMOR-GUARD “GLASS-GUARD”** is specifically formulated to provide Temporary Protection to Window Frames, Gaskets and Glass. **ARMOR-GUARD “GLASS-GUARD”** is an extremely tough, waterproof, UV resistant *Temporary Protective Skin* that can withstand long periods of time (up to 36 months) on interior and exterior surfaces.
-  **ARMOR-GUARD “GLASS-GUARD”** is what is commonly known as a waterborne formulation, which means that the product is VOC free and contains no dangerous solvents or chemicals, thus being non-corrosive and non-flammable.

 - Waterborne coatings rely on the ambient temperature, airflow and other natural elements to assist in the drying (curing) time meaning that it take longer for them to reach their full film strength than solvent based coatings. In warmer climates (60 degrees F+) the coatings will dry with in a few hours but in colder climates we suggest to leave the coatings down over night and use *force ventilation* to speed up the drying period.
 - The application and removal of Strippable coatings pivot around one important factor. FILM STRENGTH. It is of the utmost importance to gain the required film strength when applying the coating to ensure that the applicator benefits for the protection of the coating as well as the ability to be to remove the coating in sheets. When Roller Applying the coating use a minimum of 3/8” nap roller and apply a minimum of 3 coats to obtain the minimum of 4-5 mil DFT. We recommend a minimum of 8-mil wet for each application to obtain the minimum desired total of 4-5-mil DFT. For *Spray Application*, please contact **ARMOR-GUARD TECHNICAL SUPPORT** for additional information.
 - Due to the fact that **ARMOR-GUARD “GLASS-GUARD”** is extremely waterproof, it is vital to apply the correct film strength as it will not be possible to remove the coating with water once it has cured. If the coating is applied to thin it will create issues at time of removal.
 - When a partial section of a substrate is to be protected the edges need to be taped and masked to avoid overspray and/or feathering. Overspray and feathered edges will not peel if required film thickness is not aquired.

- 👤 **ARMOR-GUARD “GLASS-GUARD”** is a Polymer/Water based coating, which allows it to form an extremely durable waterproof skin-tight bond. **ARMOR-GUARD “GLASS-GUARD”** is **NOT INTENDED** to be used as a *Non-Skid Substitute*.
- 👤 **ARMOR-GUARD “GLASS-GUARD”** is suitable for most other non-porous substrates (steel, GRP, plastic, concrete etc.) however ARMOR-GUARD is not suitable for Acrylic substrates such as Plexi-Glass or Lexan. All painted, powder coated, anodized or caulked surfaces need to be completely cured as per manufacturers specifications before Armor-Guard is applied. We strongly recommend to **TEST** the product on any new substrate that the applicator wishes to protect. We are happy to test panels for you in our Lab.

Please do not hesitate to contact our customer service department if you have any questions or concerns regarding our products.



Tanner Locations:

Distribution Center
714 Montauk Avenue, Brooklyn, NY 11208

Sunset Park Store
800 Third Avenue, Brooklyn, NY 11215

Maspeth Store
60-01 55th Avenue, Maspeth NY 11378

New Farmingdale Long Island Location
168 Broadhollow Road, Farmingdale NY 11735

(800) 456-2658

www.tannerbolt.com



TECHNICAL DATA SHEET

GLASS-GUARD
ARMOR-GUARD AG-16200
Protective Strippable Coating

PRODUCT DESCRIPTION

ARMOR-GUARD AG-16200 is a *weather-resistant, non-flammable* protective *Strippable* coating designed specifically to provide protection to multiple construction surfaces. **ARMOR-GUARD AG-16200** is formulated with *UV Aging* properties that will allow for protection on glass, aluminum/fiberglass window frames, stainless steel, non-porous tile/marble walls and floors and other construction type surfaces. **ARMOR-GUARD AG-16200** can be applied to store front windows for protection as well as a “Black Out” during the period of construction. **ARMOR-GUARD AG-16200** can be applied to both interior and/or exterior applications during the construction process and can be left on for periods of up to 36 months. **ARMOR-GUARD AG-16200 IS NOT** to be used as a Non-Skid Substitute. Call **ARMOR-GUARD** at 833.667.8624 for Technical Support or information on Additional Applications.

PRODUCT CHARACTERISTICS - AS SHIPPED

APPEARANCE	Viscous white liquid (Can be Tinted to Desired Color)
COVERAGE (SQ. FT./MIL OF DRY FILM/GAL)	160 sq. ft./gal
POUNDS PER GALLON	9.0 ± 0.2
COATING V.O.C. (EPA Method 24)	0 G/L
STORAGE LIFE (IN CLOSED CONTAINER).....	12 months at recommended temps.
MINIMUM FILM FORMING TEMPERATURE	50°F.

PRODUCT PACKAGING

ARMOR-GUARD AG-16200 is supplied ready to use in 5-gallon pails and 55-gallon drums.

STORAGE - Store at temperatures above 50°F. and below 110°F.

RECOMMENDED DRY FILM THICKNESS – 8 to 12 mils.

CURE CYCLE

Air cure time will vary depending on wet film thickness and atmospheric conditions (temperature, air velocity, and relative humidity). Dry times may be decreased by optimizing these conditions. Consult your product representative for further information.

PRODUCT PRECAUTIONS

WARNING! DO NOT ALLOW PRODUCT TO FREEZE! KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation. **DO NOT TAKE INTERNALLY.** Avoid prolonged contact with skin. While spraying, wear a suitable respirator with an ammonia cartridge to prevent inhalation of overspray and vapors. Keep containers closed when not in use. **CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.**



- DO NOT allow the product to freeze. Frozen liquid material cannot be rejuvenated and will not function properly.
- DO NOT apply the product to surfaces other than those specifically noted prior to thoroughly testing.
- DO NOT apply the coating too thin. This will result in a weak discontinuous film which will be difficult to remove and offer no protection.
- DO NOT apply the coating when it will be exposed to rain, moisture or freezing temperatures before it can fully cure.
- DO NOT apply the coating over small, intricate or delicate parts. These areas should be masked with plastic film or tape as the coating may be difficult to remove.
- **DO NOT use as a Non-Skid substitute.**

PRODUCT USE INSTRUCTIONS

GENERAL: The following directions and recommendations are intended to serve as a guide and may require modification to meet local conditions.

MIXING: None required.

THINNING: Use as received. **Do NOT thin.**

SURFACE

PREPARATION: The intended substrate must be clean and dry to accept the protective coating properly. Loose debris, dust, or other contamination may degrade product effectiveness and peelability.

NOTE: CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.

ROLLER APPLICATION

Roller application, use Texture 3/8" Nap roller or larger (NOT FOAM). Apply 3 generous coats allowing each coat to tack off between applications. A minimum of 8-mil wet is required to ensure proper film strength.

SPRAY APPLICATION

Call Technical Support at 833.667.8624 for additional information on proper application.

Dry film build required in mils.	4	5	6	7	8	9	10	12
Wet mils to apply.	9	11	13	16	18	21	23	28
Square feet of coverage / gallon.	160	140	116	100	93	81	68	56

Seller makes no warranty of any kind, express or implied, as to the merchantability, fitness for any particular purpose, or any other matter with respect to this product. Since conditions of use are beyond sellers' control, buyer assumes all risk of use of this product. Under no circumstances will seller be liable for consequential or incidental damages arising out of the use of this product. Sellers' sole obligation will be to replace the product if found to be defective. It is the user's responsibility to determine the suitability for use of this product under the conditions present at the time of application. M.S.D.S. available upon request.

