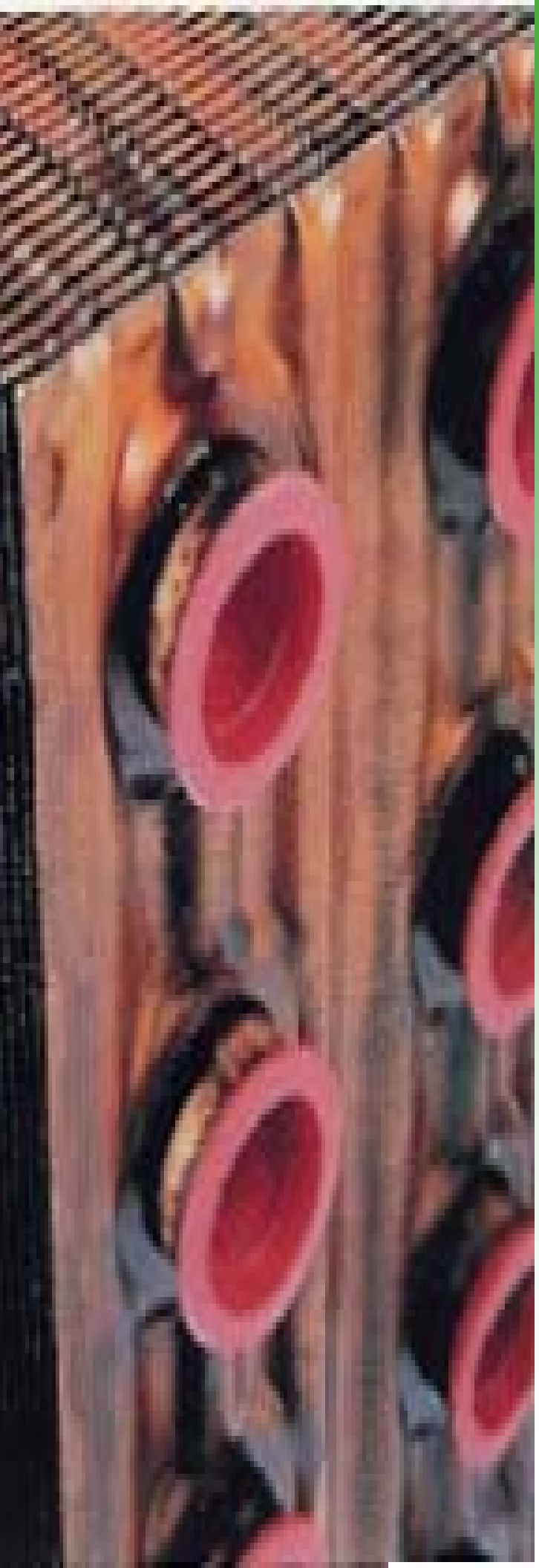


Bronz-Glow®

Bronz-Glow's

HVAC/R Coatings

and

Coil Cleaners

For Additional Assistance Contact:

HUSKY COIL COAT

DIP APPLICATION - Antique Bronze

PRODUCT DESCRIPTION:

Husky Coil Coat—Dip is Bronz-Glow's top of the line coating formulation to protect fin tube and coaxial coils against the affects of severe corrosive environments. It's a rugged, abrasion resistant finish which exhibits extraordinary tensile strength and flexibility; allowing it to expand and contract with a coil as it heats and cools. Husky Coil Coat protects in the entire pH Range of (1.0 to 14.0). It will not crack, chip or flake. This unique proprietary coating formulation forms a moisture resistant barrier that prevents the intrusion of contaminated moisture which causes coil failure. Husky Coil Coat has less than ½ of 1% degradation on heat transfer efficiency. It's a "single-component" coating product that can be field repaired by equipment owners; with aerosol touch-up, should the coating become damaged or abraded. Gas Chromatography Test (FID) reveal no evidence of residual solvent vapors. **Husky Coil Coat Dip and Bronz-Glow's dipping process is exclusively applied by Bronz-Glow's Certified and Licensed Dip Applicators.**

ENVIRONMENTS WHERE COMMONLY USED:

Coastal regions, sugar refineries, petroleum refineries, paper mills, chemical plants, off shore drill platforms, waste water treatment plants, tunnel exhaust systems, veterinary clinics, swimming pool environments, food processing and storage facilities, airports, fossil fuel power plants, hospitals, restaurants, marine applications, medical facilities, saw mills, convention centers, hotels & motels, shopping malls and many other moderate to severe corrosive environments.

ATMOSPHERIC CHEMICAL RESISTANCE:

Salt air, salt water, acid rain, hydrogen sulfide, sulfuric acid, hydrofluoric acid, ammonia, chlorine, hydrogen chloride, sulfur water, uric acid and virtually any other acid or alkali.

DIP COATING VERSES SPRAY COATING:

Bronz-Glow's dip coating process ensures the coil is completely immersed guaranteeing 100% coating coverage. Spray application on 1 and 2 row coils that have plate fins and a fin density of 16 fpi or less can be effectively spray coated. Coils that are designed with 3 or more rows in depth or are constructed with plat or enhanced fins at 17 fpi or above, become much more difficult to assure 100 % coating coverage.

COLOR: Antique Bronze

Factory dip coating services are available through Bronz-Glow Technologies, Inc. and our growing family of Bronz-Glow Partners known as Certified Applicators and Manufacturer's Representatives.

Dip coatings are often specified in Gov't Specifcations such as the U.S Navy, Army Corps of Engineers, Homeland Security, and NASA. Bronz-Glow also appears in SPECSINTACT and new unified specification for various Branches of the U.S. Govenent.

Retail firms such as JC Penney, Kmart, Walgreens, CVS, and Wal-Mart to name a few, usually require dip coatings for coastal store locations.

SPECIFICATION:

Equipment or Coils as indicated, shall be corrosion protected by Bronz-Glow. Bronz-Glow shall issue a **"Certificate of Coating Compliance"** to verify that the specification has been met as part of the closing documentation. An **"Owner's Coated Coil Cleaning Maintenance Program"** shall be available for documentation close-out and upon project completion.

Condenser coils, evaporator coils, water coils, or steam coils shall be coated using Bronz-Glow's Husky Coil Coat dip application process for corrosion protection. Coil coating material and process shall have passed a minimum of 6,000 hour salt spray test in accordance with ASTM Standard B117.85. Coil film coating shall be effective in pH range of 1.0-14. Product shall be a complex chain linked polyelastomer material with properties including 4,000 PSI tensile strength and 250% flexibility. Coating shall contain a 10 year Florida UV inhibitor additive. Coating should be field repairable, and touch-up material available in aerosol form. Field coating is not acceptable. No substitutes accepted.

Acceptable Products; Husky Coil Coat - Dip

HUSKY COIL COAT

SPRAY FORMULATION - Gold

PRODUCT DESCRIPTION:

Husky Coil Coat Spray is our spray coating formulation to provide corrosion protection for fin tube and coaxial coils through spray application. Like our Husky Coil Coat Dip proess product, it is a one of a kind protective coil coating. A "single-component" product providing corrosion protection across the entire pH Range (1.0 to 14). This product cures within 24 hours and Gas Chromatography Test (FID) reveal no evidence of residual solvent vapors. Husky Coil Coat Spray provides a moisture resistant barrier that encapsulates the coil, preventing the intrusion of contaminated moisture that causes coil failure from its corrosive environment.

ENVIRONMENTS WHERE COMMONLY USED:

Coastal regions, sugar refineries, petroleum refineries, paper mills, chemical plants, off shore drill platforms, waste water treatment plants, tunnel exhaust systems, veterinary clinics, swimming pool environments, food processing and storage facilities, airports, fossil fueled power plants, hospitals, restaurants, marine applications, medical facilities, saw mills, convention centers, hotels & motels, shopping malls and many other moderate to severe corrosive environments.

ATMOSPHERIC CHEMICAL RESISTANCE:

Salt air, salt water, acid rain, hydrogen sulfide, sulfuric acid, hydrofluoric acid, ammonia, chlorine, hydrogen chloride, sulfur water, uric acid and virtually any other acid or alkali.

SPRAY COATING OPTIONS:

Husky Coil Coat Spray formulation is exclusively applied by factory trained and licensed Field Spray Applicators. Bronz-Glow's proprietary spray coating process can be applied in our N.E. Florida coating facility or field applied on location. We recommend factory application on equipment that has not been installed. A factory application is performed in a controlled environment and is not affected by adverse weather conditions. Spray applications to plate fin coils that are no greater than 2 rows in depth having 16 ins per inch or less are generally effective. Coils that are designed with 3 or more rows in depth or are constructed with enhanced fins and a fin density of 17 fpi or more, make them difficult to be assured that 100 % coating coverage is attained with a spray application. Dip application should be the coating method of choice for these types of coils.

COLOR: Gold

Spray application of our Husky Coil Coat is performed at the factory and in the field. Bronz-Glow's Husky Coil Coat spray coat is uniquely identifiable by its reflective color , which is Gold. All factory spray coated coils are registered internally with non-removable poly tag.

Husky Coil Coat Protects Against

- Sulfur Water
- Salt Air / Salt Spray
- Hydrogen Sulfide Gas
- Acid Rain
- Ammonia
- Chlorine / Pools
- Food preservatives
- Enzymes and Yeasts

Types of Equipment

- Condensing Units
- Air Handlers
- Air Cooled Chillers
- Mini Splits
- Window Units
- Heat Pipe Units
- Much much more!

SPECIFICATION:

Equipment or Coils as indicated above shall be corrosion protected by Bronz-Glow. Bronz-Glow shall issue a **"Certificate of Coating Compliance"** to verify that the specification has been met as part of the closing documentation. An **"Owner's Coated Coil Cleaning Maintenance Program"** shall be available at documentation close-out and upon project completion. Bronz-Glow does not recommend spray coating coils greater than 2 rows or having a fin spacing above 16 fpi.

Condenser coils and or evaporator coils shall be coated using Bronz-Glow's Husky Coil Coat **spray application** process for corrosion protection. Coil coating material and process shall have passed a minimum of 2,000 hour salt spray test in accordance with ASTM Standard B117.85. Coil film coating shall be effective in pH range of 1-14. Product shall be a complex chain linked polyelastomer material with properties including 4,000 PSI tensile strength and 250% flexibility as provided by Bronz-Glow. Coating shall have a 10 year Florida UV inhibitor added. Coating should be repairable and touch-up material available in aerosol form. Field coating is unacceptable. No substitutes accepted.

Acceptable Products; Husky Coil Coat—Spray

SPC-TINTED

An All-Purpose 'Single Component' Protective Coating

Stops Rust In Virtually Any Corrosive Environment...

DESCRIPTION:
SPC-Tinted is a synthetic, single-component solvent based coating that may be applied by spray, brush, roll or dip methods. To the best of our knowledge, SPC is the only single-component coating on the market that provides corrosion protection across the entire pH Range (1.0 to 14.0) and when applied at the rate of 12 to 15 dry mils thickness, is impermeable to moisture. SPC-Tinted can be applied to all types of metals and metal alloys as well as substrates such as wood, cement block, masonry, cloth, rubber, ropes etc. Due to its tensile strength and flexibility, SPC provides long lasting corrosion protection in the harshest of corrosive environments whether they're hot or cold (-30 to +220 deg. F.), wet or dry. This one-of-a kind coating meets USDA requirement for non-food contact surfaces. When coating metal and galvanized surfaces, we recommend the use of Husky- 150 Primer.

BENEFITS:
- Single-component all-purpose protective coating
- No mixing or blending of Parts A, B or C
- No set-up time required
- Simply stir and apply by brush, roll, spray or dip methods
- Unused coating material can be saved and used on the next job
- No unnecessary material waste, no disposal costs
- Contains a 10 year Florida sun UV inhibitor
- Dries to the touch in minutes, fully cures in 24 hours
- Extends the useful life of multiple substrates in almost any environment

CHEMICAL RESISTANCE:
Salt air, salt water, acid rain, hydrogen sulfide, sulfuric acid, hydrofluoric acid, ammonia, chlorine, hydrogen chloride, sulfur water, uric acid and virtually any other acid or alkali.

GAS CHROMATOGRAPHY TEST (FID)**:** No evidence of any residual solvent vapor was detected.

COLORS/PACKAGE SIZE:
Light Gray/5 gallon pail or 50 gallon drum
Also available in Orange, Dark Gray, Beige, Redwood, Brown or Green when ordered in 50 gallon quantities i.e. 10 pails or 1 drum

SHIPPING: Minimum for Light Gray is 1 pail or 1 drum fob - Jax, Florida

SPC Light gray used to coat the exterior cabinet on the a/c unit above.

SPC beige used to coat the exterior and interior cabinet on the a/c unit above.

SPC light gray used to coat the tube sheets, header and "U" bends on this evaporator coil.

SPECIFICATION:
Insulated and Un-insulated Interior or Exterior Surfaces: All interior surfaces shall be provided with a factory-applied spray-coating process for corrosion protection and to reduce insulation flaking. Coating material and process shall have a 2,000 hour salt spray test in accordance with ASTM Standard B117.85. Coating material shall consist of a synthetic resin material with properties including 4,000 psi tensile strength and 400% flexibility. Coating shall be effective in pH range of 1-14. The protective coating shall be applied by spray application in three coats for a final 3.0-6.0 mil thickness when dry. An anti-microbial shall be available for the coating of interior surfaces exposed to either the ventilation air, return air, or supply air stream.

Acceptable Products: SPC and Insul-Coat

**Flexibility… Elasticity… pH Protection… Dielectric Strength…
This One Has "Em" All Beat…
Single Component Coating...**

SPC-CLEAR

An All-Purpose 'Single Component' Protective Coating

DESCRIPTION:
SPC-Clear is an extremely tough, single-component, air dry solvent base coating that locks out moisture and protects most any substrate surface from acids, moisture, abrasion, weathering and most every other form of atmospheric corrosion. This unique coating was initially developed to protect HVAC/R cabinets and their assorted informational stickers and decals from corrosion, UV damage and moisture. Since this is a clear finished coating, the OEM's original paint color is not affected. Not only does SPC-Clear preserve the metal structure of an air conditioning system, it preserves the important technical information required by servicing technicians from becoming illegible or distorted. This product has found a home in many mechanical rooms to protect numerous types of substrates, color codes and vital information from the destruction of moisture and corrosion. SPC-Clear can be applied over vinyl decals, stenciled paper and permanent marker without distorting print.

BENEFITS:

- Single-component all-purpose protective coating
- No mixing or blending of Parts A, B or C
- No set-up time required
- Simply stir and apply by spray or dip methods
- Unused coating material can be saved and used on the next job
- No unnecessary material waste, no disposal costs
- Contains a 10 year Florida sun UV inhibitor
- Dries to the touch in minutes, fully cures in 24 hours
- Extends the useful life of multiple substrates in almost any environment
- Available in aerosol form

CHEMICAL RESISTANCE:
Salt air, salt water, acid rain, hydrogen sulfide, sulfuric acid, hydrofluoric acid, ammonia, chlorine, hydrogen chloride, sulfur water, uric acid and virtually any other acid or alkali.

GAS CHROMATOGRAPHY TEST (FID)**:** No evidence of any residual solvent vapor was detected.

COLORS/PACKAGE SIZE: Clear/5 gallon pail, drums, 12oz. aerosol

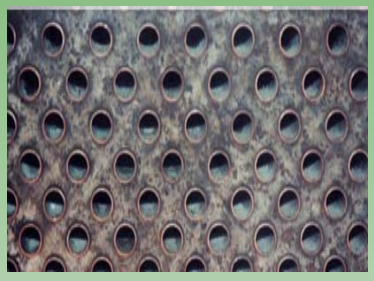
SHIPPING: Minimum for SPC-Clear is 1 pail, 1 drum or 1 case aerosol (12 cans per case) - fob - Jacksonville, FL

And You Thought Epoxies Were Good!

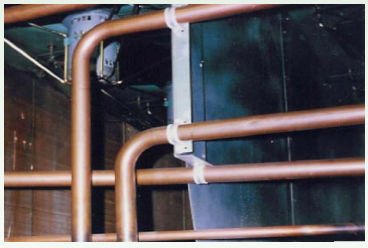
Cures Faster… Doesn't Chip, Flake or Crack… Coats Over Labels, Decals, & Stencils … Excellent Adhesion & No Distortion… Complete pH Range Protection… Aerosol Cans…. Repairable…. Fast Drying… Single Component …. Brush, Roll or Spray Applied.

Before Treatment
Chiller head sand blasted and protected with SPC Clear Coat Air Cured.

After Treatment



Chiller coated with Husky SPC Clear Coat to protect the cabinet from corrosive effects of incinerator gasses and coastal atmospheres.



Copper piping coated with SPC Clear to protect tubing from corrosive atmosphere in municipal waste water treatment facilites, paper mills and others where H2S, Hydrogen Sulfide Gas eats braze joint material.

INSUL-COAT

An environmentally Friendly Vinyl, Low VOC Coating for Encapsulating Open Fiber Materials & Enhancing Indoor Air Quality

DESCRIPTION:
Insul-Coat is a solvent base, air dry vinyl, low VOC coating specifically developed to seal fibrous insulation, un-skinned polyurethane foams and closed cell foams. It produces a skin/membrane on a broad range of insulating materials to create a barrier against moisture and chemical attack. When dry, Insul-Coat forms a tough durable coating that will withstand heavy abrasion and is resistant to punctures.

BENEFITS:
- Single-component
- No mixing or blending of Parts A, B or C
- No set-up time required
- Simply stir and spray
- Fast drying
- Unused coating material can be saved and used on the next application
- No unnecessary material waste, no disposal costs
- Prevents fiber migration
- Provides moisture, chemical, abrasion and puncture resistance
- Biostat available to protect against the growth of mold, mildew and fungi
- Meets fire code UL94HBF

COLORS/PACKAGE SIZE:
Clear & Gray / 5 gallon pails, 50 gallon drums
Other colors available by request in 50 gallon quantities

SHIPPING: Minimum is 1 pail or 1 drum–fob Jacksonville, FL

SPECIFICATION:
Insulated and Un-insulated Interior or Exterior Surfaces: All interior surfaces shall be provided with a factory-applied spray-coating process for corrosion protection and to reduce insulation flaking. Coating material and process shall have a 2,000 hour salt spray test in accordance with ASTM Standard B117.85. Coating material shall consist of a synthetic resin material with properties including 4,000 psi tensile strength and 400% flexibility. Coating shall be effective in pH range of 1-14. The protective coating shall be applied by spray application in three coats for a final 3.0-6.0 mil thickness when dry. An anti-microbial shall be available for the coating of interior surfaces exposed to either the ventilation air, return air, or supply air stream.

Acceptable Products: SPC and Insul-Coat

Insul Coat for protecting fiber insulation from deterioration, mold, mildew. It aids in preventing "Sick Building Syndrome". Prevents fiber carry over into the air stream. It's been used to replace double wall construction, where a highly pure air stream is required.

Insul-Coat may be applied to Insulation on transportation equipment and interior airplane hulls.

Quick Drying ...
IAQ Product …
Prevents Fiber Breakdown …
Eliminates Double Wall Construction Requirements …
Applied over Armaflex and other pipe Insulating Products…..

PAT-COAT

Tough, Flexible Water Based Acrylic Coating

Water Base…

Excellent Protection...

DESCRIPTION:
Technically described as a water base acrylic, Pat-Coat's coating qualities are typical of those associated with solvent based paints even though it has very low VOCs and is non-flammable. Coating characteristics include its excellent adhesion, tough finish and flexibility while providing excellent petroleum, chemical, corrosion and abrasion resistance. Pat-Coat is an excellent choice for coating storage tank exteriors as well as concrete, cement block, masonry, wood and metal structures. Its flexibility allows it to be effectively applied to fabric materials such as canvas and tarpaulins.

Pat-Coat Dark Gray

BENEFITS:

- Single-component
- No mixing or blending of Parts A, B or C
- No set-up time required
- Simply stir and spray, brush or roll
- Fast drying
- Unused coating material can be saved and used for another application
- No unnecessary material waste or disposal costs
- Very low VOCs
- 10 year weather ability per (ASTM G-53)
- 230% elongation (ASTM D-2370-82)
- Will not chip, flake or chalk

Pat-Coat Light Cream

CHEMICAL RESISTANCE:
Acids, alkalies, petroleum based products, solvents, salt air, acid rain, mineral oil, alcohols, ammonia etc.

COLORS/PACKAGE SIZE:
Medium Gray & White / 5 gallon pails, 50 gallon drums
Other colors available by request in 50 gallon quantities

SHIPPING: Minimum for Pat Coat is 1 pail or 1 drum–fob Jacksonville, FL

Some professional painters have called Pat-Coat a "DTE Coating"; *do it to everything* with minimal preparation. This unique product adheres to almost all substrate materials including concrete tilt-up construction slabs, galvanized metal, glass, plastics and much more.

Easy Clean-up..

Airless Spray, Roller or Brush Application…

Excellent Protection Against Corrosive Petroleum Atmospheres or Splash…

Nonflammable...

Low VOC's…

UV Inhibited…

For All Surfaces...

"GREEN-FIN" COIL PROTECTOR
Contractor Applied Coating

DESCRIPTION:
"Green-Fin" Coil Protector is formulated to protect fin tube and coaxial coils in moderate to heavy corrosive environments. This is a flexible, synthetic coating having excellent resistance to corrosive coastal and chemical atmospheres. 'Green-Fin' is a solvent based synthetic single-component coil coating that air dries to the touch in 15 to 30 minutes under normal weather conditions. Its ease of application is enhanced by being pre-mixed and ready to spray with general commercial spray equipment. This product is commercially available to contractors, building maintenance personnel, equipment owners etc.

BENEFITS WHEN PROPERLY APPLIED:
- Extends equipment life
- Aids in maintaining operating efficiency
- Helps to control operating costs
- Reduces frequency of emergency service calls
- Maintains equipment appearance
- Provides excellent corrosion protection

CHEMICAL RESISTANCE:
Acids, alkali, salt air/spray, acid rain, chlorine fumes, sulfur water, phosphoric acid fumes, nitrogen dioxide, carbon dioxide, uric acid/urea (animal urine, bird and insect excrements)

GAS CHROMATOGRAPHY TEST (FID): No evidence of residual solvent vapors.

COLOR/PACKAGE SIZE:
Olive Drab / Available in 5 gallon pails, 50 gallon drums, 11oz. aerosol

SHIPPING: Minimum 1 pail, 1 drum, 1 case aerosol (12 X 11oz. per case)

APPICATION EQUIPMENT: Conventional spray equipment similar to a pressure pot system using a Binks 2001 spray gun with appropriate air cap, needle and nozzle. Airless type spray equipment may also be utilized to apply "Green Fin".

Great Corrosion Protection For Coils, Tubing, Blowers & Cabinets...

Husky "Green Fin" Coil Protector is a spray applied coating available to contractors and applicators in 5 gal pails or 50 gallon drums. Called "Green Fin" because of its Olive Drab Color. This coating has some of the quality characteristics of our top of the line Husky Coil Coat .

This coating is also available in an aerosol kit for the a/c technician or Do-It-Yourself Handyman called the Husky Green Fin Kit.

Husky Green Fin Coil Protector sprays out as an olive drab color. When dry, it will give the appearance of a tarnished brass / bronze affect when seen in various shades of sunlight.

Ten Year Florida UV Inhibitor…

Dries to Touch in 15-30 Minutes…

Protects Against Animal Urine & Sulfur Water…

Single Component…

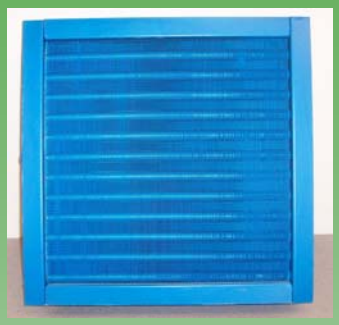
Bronz-Glow's

Coating Products

SEA COAST PROTECTOR
Contractor Coating Product

DESCRIPTION:
Sea Coast Protector is a versatile, single-component elastomeric coating that has been formulated for multiple uses. In addition to providing coastal corrosion protection for condensing coils, it is also confidently applied to metal surfaces such as steel, copper, aluminum and brass. The versatility and flexibility of Sea Coast Protector allows it to be effectively applied to wooden, concrete and masonry structures as well as to items such as exterior light fixtures, tarpaulins, tents and canopies.

BENEFITS:
- Single-component all-purpose protective coating
- No mixing or blending of Parts A, B or C
- No set-up time required
- Simply stir and apply by brush, roll or spray methods
- Unused coating material can be saved and used on the next job
- No unnecessary material waste, no disposal costs
- Fast drying (15 to 30 min.), Fast curing (2 to 3 hours)
- Extends the useful life of multiple substrates in coastal environments
- Has negligible effect on heat transfer when applied to hvac coils



Coil spray coated with Sea Coast Blue

CHEMICAL RESISTANCE:
Salt spray, salt air, acid rain, chlorine vapors, ammonia vapors, carbon dioxide, nitrogen dioxide, acids, alkalis and uric acid/urea (animal urine, bird and insect fluids)

GAS CHROMATOGRAPHY TEST (FID)**:** No evidence of any residual solvent vapor was detected.

A conventional pressure pot system is the desired spray equipment to apply Sea Coast evenly and effectively to A/C coils.

COLORS/PACKAGE SIZE:
Transparent Blue/5 gallon pails or 50 gallon drum
Also available in Redwood and Clear in 50 gallon minimums (10 pails/1 drum)

SHIPPING: Minimum for Transparent Blue: 1 pail/1drum fob-Jacksonville, FL

Slab evaporator coils coated at a contractor's facility with Husky Sea Coast Clear.

Contractor spray coating a spiny fin coil using the clear Sea Coast Protector

Blended Ready To Use…
Works On All Types of Substrate Surfaces…
Available Under Private Label…
300% Elasticity…
400% Flexibility…
Spray, Dip, Roll or Brush…
Has Negligible Effect On Heat Transfer...

"GREEN-FIN" COIL PROTECTOR
AEROSOL KIT

DESCRIPTION:
The 'Green-Fin' Aerosol Kit contains (1) can of coil cleaner, (1) can of primer and (2) cans of coil coating. These 3 items replicate our in-house coating process of cleaning, priming and coating. The 'Kit' is specifically designed for coating small tonnage residential a/c systems that are constructed with one row coils. Among these systems are window, ptac and small tonnage condenser coils, along with refrigeration or water fountain coils. As easy as A-B-C to apply, the coating system was developed to provide quality and affordable corrosion protection for small air conditioning and refrigeration systems that are exposed to coastal environments. During the past twelve years, air conditioning wholesalers and contractors all over the world have depended on this product to provide quick, affordable and long lasting corrosion protection for their valued customers.

BENEFITS:
- Extends equipment life
- Aids in maintaining operation efficiency
- Corrosion protection for coastal environments
- Installed system can be coated on site
- Ease of application
- Affordable

CHEMICAL RESISTANCE:
Acids, alkalis, salt air, acid rain, sulfur water, ammonia fumes, chlorine vapors and uric Acid/Urea (animal urine, bird and insect fluids)

GAS CHROMATOGRAPHY TEST (FID): No evidence of residual solvent vapors.

COLOR: Olive Drab

PACKAGING: Case (4 kits per case)

SHIPPING: Minimum 1 Case fob - Jacksonville, FL

Do-it-Yourself…

Used To Protect Window, PTAC, Air Handlers, Evaporator Coils & Condenser Coils ...

Aerosol coating for small condenser coils easy as A-B-C to apply

For the contractor, technician or Do-It-Yourself Handyman. The Husky "Green Fin" Kit may be found in many wholesale houses or ordered through your Bronz-Glow representative. This 4 can aerosol kit contains one can of aerosol coil cleaner, one can of aerosol primer & two aerosol cans of Green Fin.

Purchase Products & Coating Services With Your Credit Card Over The Phone or by the World Wide Web…..

BRONZ-GLOW'S 150 PRIMER

DESCRIPTION:
Bronz-Glow's 150 Primer is a solvent based air dry acrylic primer that has been specifically developed to significantly increase the adhesion of Bronz-Glow's coating line. It can be sprayed, rolled, brushed or dipped and offers fast set-up time with a high coverage rate. Normal application requires only one coat, only extreme surface corrosion and/or abrasion, require subsequent coats. We recommend the use of 150 Primer on all metal surfaces, especially galvanized, to prevent peeling of the finish coat if it becomes damaged. For best results apply finish coat over primed surface as soon as it is dry to the touch.

BENEFITS:
- Improves coating adhesion on metal up to 400%
- Aids in preventing peel back of damaged coating
- Helps to reduce preparation time of substrate surface
- Aids in preparing a surface for a more uniform finish coat

COLORS/PACKAGE SIZE: Clear/aerosol,5 gallon pails, 50 gallon drums

SHIPPING: Minimum is 1 pail or 1 drum–fob Jacksonville, FL

Husky 150 Primer and Green Fin Primer are the same product. They are packaged using different names, but the products are the same. Green Fin Primer is so designated because of its inclusion in the Husky Green Fin Kit.

EVAP-ZAP
EVAPORATOR COIL CLEANER W/BIOCIDE

DESCRIPTION: A high foaming aerosol coil cleaner designed specifically for cleaning residential evaporator coils. Packaged in an easy to manage 8oz. aerosol can with a 20" tube that allows service personnel to access hard to reach areas without removing the coil. During the **'Cooling Cycle'** Evap-Zap is rinsed from the coil by its own condensate. During the **'Heating Cycle'** a fresh water rinse is required. The powerful foaming action of Evap-Zap quickly penetrates the finned face area of the coil, removing dirt, grime and mildew. It is recommend that the u-bend and header ends of the coil also be cleaned. The biocide disinfects the coil's surface, eliminating most molds and bacteria that tend to thrive in a cool, moist environment. Evap-Zap aids in keeping drain lines clean and is also used to clean automobile evaporator coils by extending the 20" tube into the condensate drain pipe. Again, the condensate from the **'Cooling Cycle'** will self rinse the coil.

BENEFITS:
- Ease of application
- Self rinsing (during cooling cycle)
- High foaming
- Disinfects while cleaning
- Economical and convenient
- Time saving
- Effective

PACKAGE SIZE: 5 oz. Aerosol

SHIPPING MINIMUM: 1 case , fob Jacksonville, FL

Maintenance Kit

DESCRIPTION: Bronz-Glow'**s** Maintenance Kit contains the same materials used in our factory coating applications. These materials are designed for coating repairs in the event of coating damage, which could occur during transportation or installation. Bronz-Glow's offers a standard maintenance kit which contains a coil cleaner, primer and two (2) cans of the appropriate coil coating material. However, we also offer special packaging requirements such as if the cabinets were coated on a project.

When used in conjunction with Bronz-Glow's recommended coil cleaning maintenance program, a Bronz-Glow coated coil will provide years of trouble free service. After each cleaning, the service technician should examine the coil's face area and look for any signs of coating abrasion. The most common area for coating abrasion occurs on the outside leading fin edge. Should any abrasion be evident, contents of the kit allow technicians to make repair of the affect area. If modifications to equipment piping are required, the product allows for corrosion protection of the repaired areas.

Bronz-Glow has and will continue to be proponents of good preventative maintenance programs for coated or un-coated coils. It has been proven that when coils are cleaned and properly maintained, they remain much more efficient. However, use of harsh acidic and alkaline coil cleaning agents can do as much to affect a coils integrity as if you did nothing at all. Bronz-Glow also does not believe fresh water rinses constitute a proper P&M program. Call us if you have any questions.

Easy to follow instructions are printed on each product. However, should someone have questions, they can contact our Technical Support Staff at **(800) 555-6385** or via e-mail at **Customerserv@Bronz-Glow.com** regarding proper application of the products. Free to Bronz-Glow's customers is the **"Owner's Coated Coil Cleaning & Maintenance Manual".**

BENEFITS:

- Allows for proper maintenance of the coating during normal P&M Programs.
- Easy to use aerosol products for coils and cabinet coating.
- Quick drying products which allow for almost immediate equipment start-up.
- Extends equipment service life.
-

COLORS/PACKAGE SIZE: Aerosol Cans or Poly Bottles.

Contact Bronz-Glow if you have any special touch-up requests.

HUSKY COIL GUARD
A BIODEGRADABLE, ALKALINE COIL CLEANER

DESCRIPTION: Coil Guard is a highly concentrated surfactant cleaner that removes dirt, grime, oil, insect residue and airborne deposited corrosives without damaging aluminum and/or copper coils. Coil Guard is an effective cleaning solution that does not etch or attack a coils alloy or coating (if coated). A safe to use cleaning system that on contact; does not burn or irritate an applicators skin. This is a coil cleaner that when applied, its foaming action creates longer vertical surface contact time for improved cleaning results. Formulated of deep penetrating surfactants, it reduces the surface tension of water, allowing it to saturate soils, lifting them from the coil's surface when rinsed.

BENEFITS:
- Concentrated – 1 gallon of concentrate makes 20-25 gallons of cleaner.
- Economical
- Effective
- Safe for both the applicator and the environment
- Pleasantly scented
- Convenient packaging

PACKAGE SIZES: 16oz (12 per case), gallons (4 per case), 50 gallon drums

SHIPPING: Minimums are case lots 12 X 16oz , 4 X gal. & 1 drum fob Jacksonville, FL

Husky Coil Guard and Husky Coil Sheen are the perfect recipe in developing an excellent Preventative & Maintenance Program.

HUSKY COIL SHEEN
A MINERAL ACID COIL CLEANER

DESCRIPTION:
Coil Sheen is a concentrated mineral acid formulation that is safe for the applicator and a very effective acid cleaner that will not damage a coil's metallurgy. It's recommended for the periodic coil cleaning maintenance of coils that require the removal of copper patina, white rust and other oxides which form on their surfaces. Coil Sheen is also recommended for use in coastal environments to remove and neutralize airborne sea salts that deposit on the surfaces of condensing coils.

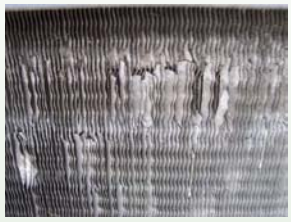
BENEFITS:
Concentrated – 1 gallon of concentrate makes 20-25 gallon of cleaner
Economical
Effective
Safe for both the applicator and the environment
Pleasantly scented
Convenient Packaging

PACKAGE SIZES: 16oz. (12 per case), gallons (4 per case), 50 gallon drums

SHIPPING: Minimums are case lots 12 X 16ox, 4 X 1 gal. & 50 gallon drum fob Jacksonville, FL

Case Studies

Crystal River Energy Complex: Power Plant On The Gulf Coast



The Crystal River Energy Complex is a literal city unto itself. With both nuclear and coal-fired electrical production, the complex includes 5 facilities on the Gulf coast of Florida, north of Tampa-St. Petersburg. They are right on the coast, so salt water, along with coal dust and other corrosives are a constant problem for their HVAC/R equipment.

Up until a few years ago, Crystal River did not specify any special coating for their units. They were constantly repairing or replacing units due to problems caused by the corrosiveness of the environment. As Jim Cole, HVAC Tech tells it, they began to hear about Bronz-Glow from HVAC techs, contractors, and wholesale companies they dealt with. "Bronz-Glow was highly-recommended by them all, especially Tampa Bay Trane, who we ordered our units through."

In 2002 they replaced an 89-ton chiller unit in their Number 5 Precipitation Room, the industry name for a room with breakers and high-voltage electrostatic filters. These are the filters that remove impurities from the air, and they must be kept cool or they will overheat rapidly, causing a chain reaction of problems. "We also replaced a 50-ton chiller at our CR-4 Administration building, and 2 30-ton DX systems at their 480 Switch Gear Room. We coated all of these with Bronz-Glow.

"For some reason we weren't able to coat a 120-ton chiller in our Control Room or another 105-ton chiller at our Electric Shop. Both of these are less than three years old and already are falling apart from the corrosion." They plan to replace a 100-ton chiller system at their CR-3 Admin Building next year. Will they specify Bronz-Glow? "I'm very happy with Bronz-Glow. This chiller unit has needed replacing for several years… I don't want the new one to wear out from all the corrosion like the old one did. I recommended they get Bronz-Glow on it as well."

Double the Life of an A/C Unit?

The first Island of the Chesapeake Bay Bridge Tunnel sees some of the harshest weather on the bay." "Out here, it's like being in the middle of the ocean." "Bronz-Glow has helped us double the life of our mechanical equipment in this corrosive environment" stated Dick Denniston, Maintenance Superintendent for the Chesapeake Bay Bridge Tunnel.

Bronz-Glow was first introduced to Chesapeake Bay Bridge Tunnel Personnel by Mr. Roger Shull with Damuth Trane Services more than 12 years ago. Mr. Phil Damuth is now the Damuth Trane point of contact. Damuth Trane Services has been a Bronz-Glow Representative since 1993.

Bronz-Glow began coating equipment for the Cheseapeake Bay Bridge Tunnel in 1994.

Construction on the Bay Bridge tunnel began on September 7th, 1960. The Chesapeake Bay Bridge Tunnel opened to traffic on April 15th, 1964 and it is often called an engineering wonder of the modern world.

One of the "**Seven Engineering Wonders of the World**," the bridge connects Delmarva with Virginia Beach. The bridge is **17.6 miles long** in water up to **100 feet deep** and the bridge goes underwater into tunnels twice. It cost **$450,000,000** to build. The man-made islands that serve as entrances and exits to the tunnels are made up of **34,000 carloads** of rocks, some of which weigh as much as **64,000 pounds**. Each contains **3,000,000,000 pounds of sand** and **600,000,000 pounds of rock**. They cost **$625,000 per acre**, some of the most expensive real-estate on Earth.

Chemical Plant Within 1000 Feet Of Long Island Sound and a Cogen Power Plant
(Natural Gas + Fuel Oil + Water + Comustion = H2S meaning Shortened Equipment Life

The continuous salt and petrochemical atmosphere, along with acidic vapors and other corrosives, caused rapid deterioration of equipment and the need to prematurely replace HVAC/R equipment due to corrosion. New units with uncoated copper tube/aluminum fin coils began showing discoloration and surface corrosion immediately, and within 5-6 years would be totally deteriorated with fins falling off. This, in spite of regularly scheduled inspections, coil cleaning and equipment maintenance.

The company had used baked phenolic coating in the past, but it flaked off with age. Also, they could not do effective repairs of the damaged baked phenolic coating in the field. 1n 1993-1994, the company built a new office/shop/maintenance building requiring six new AC units installed. All six were Trane AC units from 10-30 tons.

The Project Engineer on staff did some research to find a superior coating for the new units, one that met their criteria and was within the allocated costs for the project. After researching their options, the Project Engineer, along with the company's HVAC Master Technician, recommended Bronz-Glow. The company performs the scheduled maintenance as before, including complete quarterly operational tests and inspections. However, now they use the high-surfactant Bronz-Glow Husky Coil Cleaning System. To date they have seen no deterioration on the coils over a 10-year period.

Their HVAC Master Technician adds, "We've never had to do any touchup on the coils since they were installed. We even had a big hailstorm a few years ago that bent the fins on the condenser coils, but none of the Bronz-Glow came off. In my experience, a more rigid coating such as the baked phenolic coatings we used in the past, would have not withstood this without chipping or cracking. I've been surprised at how well Bronz-Glow has performed here. For our units to have lasted ten years in this environment is incredible... and they're still running strong."

Another Bronz-Glow Success Story

The Carrier air conditioning units pictured here were originally coated back in September of 1994. They are 10+ years old and in excellent working condition. The coils are intact and have not deteriorated. Bronz-Glow's Husky Coil Coat was applied as a dip coating application.

These units are located on the beach front side of A1A, which runs parrell with the Atlantic Ocean. They are located less than 300 yards from the ocean and along side A1A. With a little bit of touch-up, they could provide a few more years of service. It's unheard of that you get 10 + years of active life from an air conditioning unit so close to the Atlantic Ocean. This Bell South case study was completed in October of 2004.

Once again, Bronz-Glow is called to active duty. In January of 2004, this Dunham-Bush unit was coated for a Bell South Project in South Florida.

ME: Parsons Engineering
Contractor: Siemens Building Tech.
Location: Hutchinson Island, Florida
Unit Mfg.: Dunham-Bush
Coating: Coils were dip coated in Husky Coil Coat, while all cabinet components were coated using Husky SPC Clear Coat.
Warranty: Standard WP-1

Yes, it did survive the Hurricanes of 2004.

From One Extreme To Another Extreme

Bronz-Glow stands the test of time

around the world and back again.