



ABATRON, INC.

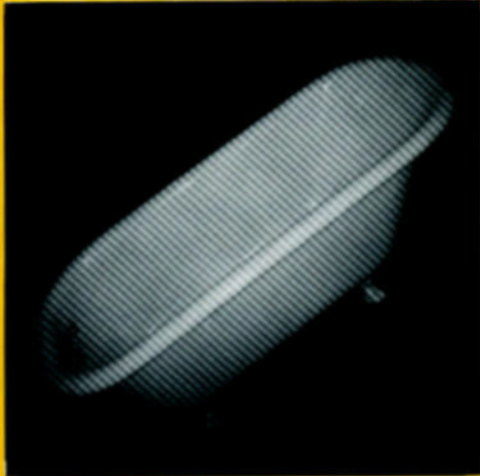
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KROMAKOTE 8601-1 SYSTEM

TDS 860122

ISO 9001:2000 Registered

TECHNICAL DATA



PRIMERLESS, CERAMIC-LIKE EPOXY ENAMEL FOR TANKS, SINKS AND TUBS.

FOR METAL, CERAMICS, CONCRETE, AND OTHER HARD SURFACES INDOOR AND OUTDOOR.

HEAVY-DUTY PROTECTION AND RESURFACING FOR WATER AND CHEMICAL RESISTANCE. 2-COMPONENT SYSTEM.

AVAILABLE IN GLOSSY STANDARD AND CUSTOM COLORS.

SUGGESTED USES:

Protective and decorative painting and renovation of most rigid surfaces exposed to hot and cold water, salt, weathering, fuels, oils, alkalis, detergents, and diluted acids in industrial, construction, marine and general environment. Priming and color base for polyurethanes and other paints. Decorating or renewing bathtubs, ceramic and other tiles, bricks, stone surfaces. Spray or brush applications. Outstanding for wear resistance, hardness, gloss, color retention and permanence.

SPECIFICATIONS (data is average, for different colors may show slight variations):

KROMAKOTE 8601-1: RESIN

Colored opaque liquid
Lbs./Gallon: 9.7 Lbs. approx.
(4.4 Kg.)

ABOCURE 8601-1: HARDENER

Clear liquid
Lbs./Gallon: 7.7 approx.
(3.5 Kg.)

Proportioning: 4 volumes KROMAKOTE with
1 volume ABOCURE.

Solids: 50% total

Viscosity: 300 cps

Pot Life: 8-12 hours approx. at
70-80° F. Faster at higher
temperatures and in large
masses. Slower at lower
temperatures.

Application: Spray, brush or roller.

Thinner: ABOSOLV 8006-3S for spraying.
ABOSOLV 8006-3B for brushing or rolling.

Drying: Air drying (heat not necessary).

Dry to Handle: 6-8 hours at room
temperature (70-80°F). Slower at cold
temperatures.

Full Physical Properties: 2-3 days.

Full Resistance Properties: 6-7 days.

High Temperature Bake: (optional) 35-45
minutes at 150°F, 20-30 minutes at 200°F,
or 15-20 minutes at 250°F. Baking is useful
for fast and optimum results.

Pencil Hardness: 3 (overnight).

- *Primerless decorative glossy coating for almost any surface.
- *Protective and resurfacing paint, primer and corrosion inhibitor, even on rusty surfaces.
- *Superior heavy-duty paint for metal, ceramic, wood and other hard surfaces in industrial, commercial, construction, institutional and marine environments, indoors and outdoors.
- *Standard base for subsequent clear coats. It solves the problems polyurethanes and other paints have with coloring and adhesion to difficult surfaces.
- *Base-coat and primer before resurfacing with solventless epoxies, to insure best (A) wetting, (B) adhesion, (C) film continuity and durability.
- *It yields films as thin as 1-4 mils (0.03-0.1 mm) each coating layer. Thicker coats (up to several inches thick) are obtained with **ABOCAST** solventless epoxies.
- *Superior salt-spray resistance in marine applications.
- *Unsurpassed exterior and interior durability. No cracking, checking or corrosion were noticeable after over 8 years exposure to northern Illinois extreme temperatures.
- *Effective on moist or wet surfaces with excellent adhesion and film integrity. It can be brushed even on sweating cold water pipes and other wet surfaces.
- *Chemical resistance to alkalis, water, diluted acids, common solvents, detergents, oils, fuels and greases. Unaffected by atmospheric conditions.
- *Protective coating of furniture indoor and outdoor, against water and chemicals in laboratories, kitchens, plants, offices, hospitals, schools.

INSTRUCTIONS FOR USE:

Surface Preparation. Surfaces must be thoroughly cleaned for good adhesion. Sandblasting is best where practical. Washing and degreasing is mostly enough. Remove dust and debris.

Resin/Hardener Mixing must be thorough, or "soft spots" may result.

Pot Life is the time the blend remains workable, before hardening.

Induction Period is the time the **KROMAKOTE/ABOCURE** blend must dwell in the mixing container **after mixing, before application**, in order to avoid tackiness on the cured surface. A 30-50 minute induction period for the **8601-1** system is sufficient.

Application is simple. Paint rollers, sprayguns, or brushes can be used.

Multiple Coats are recommended for best results. 2 coats are normally sufficient. One coat is enough in many cases. Each subsequent coat should be applied at least 3-4 hours after the previous one.

Skid Proofing is easy by simply broadcasting sand like our **NEUTRALGRIT** or **COLORGRIT** onto the 8601-1 coated surface, before the **8601-1** coat dries.

Safety Precautions. Like most paints, the **8601-1** system requires the normal precautions against flammability, breathing vapors, contact with skin and eyes.

Hardening, Cure, Temperature. Beside drying (from solvent evaporation), a chemical hardening process (reaction of **KROMAKOTE** with **ABOCURE**) occurs in **8601-1**. Heat accelerates hardening very much. **Curing** (completion of the reaction and full development of all properties) continues for 1-2 weeks at room temperature, or hours or minutes with heating. High-temperature curing can be used to accelerate the hardening and curing process, and to maximize hardness, heat and chemical resistance, when necessary. Cold retards hardening and curing. Under 45°F, the reaction may be too slow and require a special accelerated hardener.

The above information is the result of accurate laboratory and field tests. However, no guarantee, expressed or implied, is given, as uses and applications are beyond our control. Specifications are subject to state-of-the-art changes. [920402]