



High Performance Coatings

Excel in:

- Adhesion
- Chemical Resistance
- Abrasion Resistance
- Durability



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ISO 9001:2000 Registered

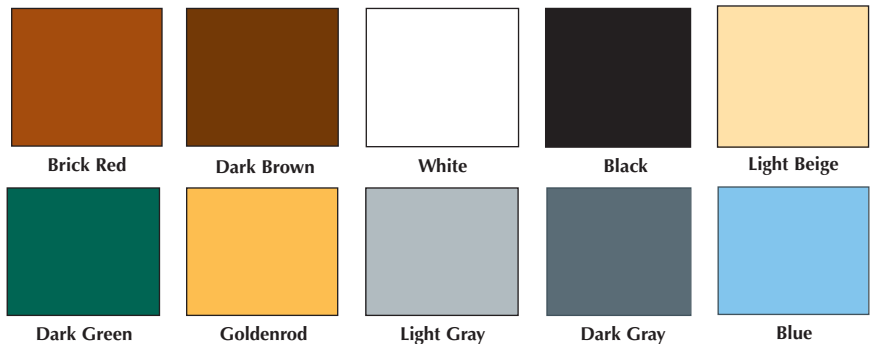
COATINGS SELECTION GUIDE

The categories below are intended to assist in selecting coatings which excel in each category. Complete technical data sheets are available at www.abatron.com.

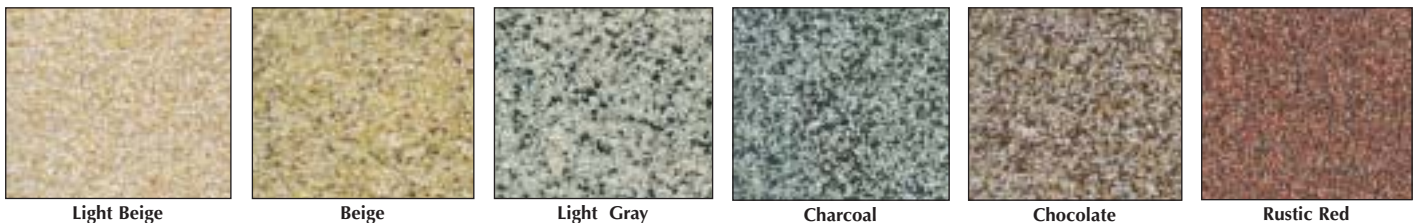
| PRODUCT | IM | CR | WB | P/S | UV | CLR | GR | SF | SR | AR | G | CT | T/D | E |
|----------------------------------|----|----|----|-----|----|-----|----|----|----|----|---|----|-----|---|
| Primkote G | | | ● | ● | | ● | | | | | ● | | | |
| Primkote 8006-1 | | | | ● | | ● | | | | | | | | |
| Abocoat 8106-5 | | | ● | | | | | | | | | | | |
| Abocoat 8508-3 | ● | | | | | | | ● | | ● | | | | ● |
| Abocoat 8508-1 | ● | | | | | | | | | | | | | ● |
| Abocoat 8006-3 | ● | | | | | ● | | | | | | | | |
| Abocoat 8501-1 | ● | ● | | | | | | | | | | | | ● |
| Abothane-5 TC | | | ● | | | ● | | | | ● | | | | |
| Abothane 8003-3 | | | | | | ● | | | ● | | | | | |
| Abothane 8901-4 | | | | | ● | ● | ● | | | ● | | | | ● |
| Aboglass-1 | | | | | | ● | | | | | | | ● | |
| Aboglass-2 | | | | | | ● | | | | | | | ● | |
| Acrylic 57-1 | | | ● | | | ● | | | | | | | | |
| Water-Epoxy Floor Coating System | | | ● | | | | | | | | | | | |
| Kromakote 8601-1 | | ● | | | | | | | | ● | | ● | | ● |
| Kromakote 8901-8 | | | | | | | | | | ● | | ● | | ● |
| Abocrete | ● | | | | | | | ● | | ● | | | | ● |

- IM: Industrial Maintenance
- CR: Chemical Resistance, Highest
- WB: Waterborne
- P/S: Primer/Sealer
- UV: UV Resistance, Highest
- CLR: Clear
- GR: Graffiti Resistance
- SF: Seamless Floors
- SR: Slip Resistance, Highest
- AR: Abrasion Resistance, Highest
- G: Green Concrete
- CT: Ceramic Tile Finish
- T/D: Tabletop/Decoupage
- E: Exterior

The following are **standard colors** for coatings, except Kromakote 8601-1 and Kromakote 8901-8 (white is the only standard color for these coatings). The color shades shown are as close as allowed by printing and formulation variables. Custom colors to match customers' samples are also available.



See Abatron's catalog under section 03 01 00/ABA for resurfacers, crack-fillers, and patching compounds.



Abatron offers many ColorGrit choices that can be mixed to your preference. These samples illustrate premixed ColorGrit selections.

Primkote G™

Waterborne epoxy primer for green concrete.

Features and Benefits: Primkote G bonds tenaciously to concrete and provides excellent adhesion between the concrete and topcoat. It is 2 component and hardens quickly. Although it can be used undiluted, it is usually diluted by volume in the ratio of 3 parts of Primkote G to 2 parts of water.

Primkote 8006-1™

Universal clear primer/sealer.

Features and Benefits: This heavy-duty, versatile primer is water and weather resistant. Clear. Flexible. Penetrating and fast-drying. Glossy. Can be used on both dry and damp surfaces. FED TT-C-535.

Abocoat 8106-5™

High-gloss, waterborne enamel.

Features and Benefits: Strong adhesion and high gloss. Thinned with water. Available in standard and custom colors. Clear, faster curing version is also available. 2 component system. Part A: opaque resin. Part B: clear hardener.

Abocoat 8508-3™

Self-leveling, solventless epoxy coating and resurfacer.

Features and Benefits: Can be applied in any thickness. Excellent chemical and salt resistance. Color retention and permanence. Can be cast alone or mixed with sand, gravel, or pebbles in any thickness to fill and level damaged areas. Available in standard and custom colors.

Abocoat 8508-1™

Heavy-duty epoxy paint for concrete, wood, metal, and composite surfaces.

Features and Benefits: Corrosion inhibitor, even on rusty surfaces. Excellent for wear-resistance in heavy-traffic areas. Requires no primer. Protects against water, salt, weathering, fuels, and chemicals. Can be applied to damp surfaces with excellent adhesion and film integrity. Available in standard and custom colors. High temperature bake is optional.

Abocoat 8006-3™

Clear, all-purpose epoxy coating.

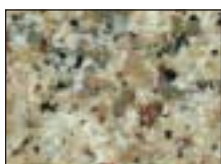
Features and Benefits: Great versatility, superior adhesion, flexibility, hardness, and water, salt and chemical resistance. Inhibits rust. High gloss. Thin with Abosolv 8006-3. FED TT-C-535.

Water-Epoxy Floor Coating System

Combines beauty, durability, slip resistance, ease of application, and water resistance. Other features and benefits include low odor on installation, easy maintenance and unlimited standard and custom color options. The high gloss system is ideal for hospitals, playrooms, utility rooms, basements, and high-traffic walking surfaces. Recommended for indoor use. The system includes a colored base coat, vinyl color chips and an acrylic topcoat. Standard and custom colors available.

Technical Characteristics:

Flash Point ASTM D3278 212°F (100°C)
Abrasive Resistance ASTM D4060 0.101 g (CS 17 Load
1000/Cycles 1000)
Slip Resistance ASTM D1894 1.3
Pull-off Strength ASTM 4541 298 Psi (2.05 Mpa)
Hardening Time 2 hours approx.
VOC (EPA method #24) 0.15 lb./gallon



Beach



Curry



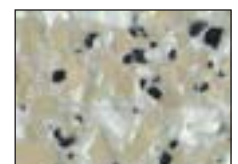
Glacier



Mint Chip



Salt n' Pepper



Bone

Product Descriptions

Abocoat 8501-1™

Highly chemical resistant, epoxy coating. Use where exceptionally high resistance to acids, alkalis, solvents, and gasoline is required.

Features and Benefits: Abocoat 8501-1 is virtually unaffected by atmospheric conditions, soft and salt water, alkalis, diluted acids, strong solvents, detergents, oils, and greases. Tenacious adhesion. Radiation resistant. Fast-setting. Available in standard and custom colors.

Abothane-5 TC™

Waterborne Polyurethane Topcoat.

Features and Benefits: Abothane-5 TC is recommended for superior hardness and wear resistance. It has a very low VOC content and high gloss, and is easy to apply and maintain. Because it is resistant to ultra-violet, it can be used outside, as well as inside. 2 parts (A resin, B hardener). It is diluted with 1 part tap water to 4 parts Abothane-5 TC before application.

Abothane 8003-3™

Clear, moisture-cure polyurethane coating. For hardwood, concrete, and seamless floors.

Features and Benefits: Abothane 8003-3 is designed for high flexibility and abrasion, chemical, and corrosion resistance. High wear and anti-skid properties. Practically colorless. Needs no waxing. Economical, lasting many times longer than other coatings. Perfect consistency for sealing porous surfaces. Fast drying.

Abothane 8901-4™

Clear polyurethane coating for high resistance to ultraviolet and chemicals. Also high resistance to weather. Anti-graffiti coating.

Features and Benefits: Abothane 8901-4 provides excellent adhesion, gloss retention, and resistance to yellowing even in harsh, industrial atmospheres.

Aboglass-1™

Virtually colorless clear liquid epoxy for casting layers up to 2 inches thick or more, and for embedments.

Use on tabletops, counters, pictures and artifacts. High impact resistance, water resistance and abrasion resistance. Hardens in 40-50 minutes in thick sections (.5-2 inches) or less in thin layers.

Coverage: 231 cubic inches per gallon.

Aboglass-2™

Vaseline-like version of ABOGLASS-1. Resists running on vertical surfaces. Can be used for stained glass repairs.

Acrylic 57-1™

Clear, waterborne coating.

Features and Benefits: Acrylic 57-1 is a high-gloss, non-yellowing acrylic coating. It forms a very clear film with exceptional mar resistance. Because it will not yellow and is stain resistant, it is an excellent choice as a topcoat for other coatings. It is easily applied by brushing, rolling or spraying, and forms a smooth film. Since it is water-based, it can be thinned with water as necessary. Can be recoated in only 30-60 minutes.

Kromakote 8601-1™

Ceramic-like epoxy enamel recommended for tanks, sinks, and tubs.

Features and Benefits: Outstanding for wear resistance, hardness, gloss, color retention, adhesion, and permanence. Can be used on rusty surfaces. Superior salt-spray resistance in marine applications. Unsurpassed exterior and interior durability. Effective on moist or wet surfaces. Unaffected by atmospheric conditions. Thin with Abosolv 8006-3. High temperature bake is optional. 3 coats are recommended for porcelain refinishing. Standard base for subsequent clear coats. Requires no primer.

Kromakote 8901-8™

Polyurethane bathtub and sink coating.

Features and Benefits: Superb combination of chemical, solvent, abrasion, weather, stain and yellowing resistance. Excellent as a sprayable, anti-graffiti, colored coating. For indoor and outdoor use. Superior gloss and color retention. Lowest chalk rates, even in harsh industrial atmospheres. Exceptional baked-coating appearance and durability on plastics and other problem surfaces that cannot be exposed to baking temperatures. 2 coats are recommended for porcelain refinishing.

Abocrete™

Epoxy patching and resurfacing compound. Structurally and chemically superior to concrete. Unlike concrete, latex modified concrete, and other mixes, Abocrete *permanently* repairs, bonds, rebuilds, and resurfaces concrete and most rigid surfaces.

Features & Benefits: Abocrete is unaffected by salt water, oils and other chemicals that corrode concrete. Holds better than bolts to install equipment, machinery, precasts, posts, columns, and structural and decorative components. Can be applied in any thickness from a few mils to more than 1 ft. thick. Contains no solvents or volatiles. Virtually shrink-free. Makes great anti-slip floors and decks. Hardens quickly. Can be colored with pigments or concrete powder. Can be used without sand for priming and coating. Viscosity can be changed by varying the amount of sand or aggregate added to the Abocrete blend. It can also be used with or as a substrate for aggregate and decorative quartz sand.