

For the Brick and Tile Industries

Advanced Materials

Red Crown Surface Coatings and Colorants

Red Crown Engineered Engobes™ are individually formulated and custom-engineered to add solid opaque surface color to brick and roofing tile applications. Available in a range of colors and finishes from matte to high sheen, this product is a wet “just add water” surface colorant application. Red Crown Engineered Engobes™ are colored powders, easily dispersed in water. They provide exceptionally stable suspensions while having good general application characteristics. Red Crown Engineered Engobes can be applied as a liquid with pump-and-roll equipment or with conventional spray or airless spray equipment. Every Red Crown Engineered Engobe™ is individually fired after production as part of our extensive quality control process.

These clay-based engobes offer excellent opacity, extending the natural color pallet of every heavy clay manufacturer. Engobes are custom-engineered to fit your ceramic body's dry, fired shrinkage, and firing temperature.



Red Crown Translucent Engobes™ are individually formulated and custom-engineered to add translucent color to brick design, allowing the brick's body texture and its natural characteristics to show through. They are low opacity ceramic coatings that are highly pigmented, yet allow the individual character of the brick body to have a role in your brick design. These environmentally friendly coatings are fully engineered for fired shrinkage and firing temperature, and are individually customized to your color target.

Red Crown Vari-Tone Engobes™ are a unique ceramic surface colorant that produce variable color tones that appear natural. With just a single application of Red Crown Vari-Tone Engobe™, a varying accent shade richer and darker than the base color is obtained after firing in an oxidizing kiln atmosphere. This accenting effect simulates the colors and patterns generated from costly reduction firing. Adding texture and relief to the clay surface and altering brick stacking patterns will enhance shading effects. These cost effective engobes are custom engineered to your choice of base color and firing conditions.

Red Crown Applied Flashes™ add color effects typically achieved with more costly energy-intensive reduction firing. Available in a full pallet of natural flash colors these environmentally friendly coatings can also be fully engineered and individually customized to your color target and performance parameters.

Red Crown Dry Applied Colorants™ are pigment concentrates individually formulated and custom engineered to be mixed with sand to add color and texture to the brick design. "Just add sand" and apply.

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