



BC 1243

Courtesy Bruce Memorials.

## THE COLORING OF STONE

The expression, the "coloring" of stone, is in reference to using either "black and white" or chromatic color for floral, pictorial or any sandblasting design or lettering which requires the maximum in color brilliancy and weathering durability. Since Hilite and Shadow are used primarily for lettering and panel contrasting they are formulated differently than more viscous color coatings designed for opaque color.

Lithco colors are the result of many years experience in keeping abreast of the progress made in the field of surface coatings in recent years. From every weathering angle Lithco colors are as durable as any color materials available today. Ultra-violet light in sunlight is the chief source of pigment and binder deterioration, and Lithco Colors are compounded from the most sunlight-resistant pigments and resins known. Of course, unless a coating has good adhesion to the surface, nothing is of importance, and adhesion is dependent upon correct initial application. The best procedure for bonding Lithco Colors to stone is to first apply a

thinned (thinned about half with Lithco Solvent) color and then a regular coat. IF APPLYING BY BRUSH, DO A MINIMUM OF BRUSH "STROKING" AS EXCESSIVE BRUSHING RESULTS IN POOR ADHESION. If an "overcoat" of Lithco Clear is applied over the color coat, this is the ultimate in stone color durability. Since very little drying time is needed between coats, these requirements are small considering what color can do for stone enrichment. If it were practical (and in most instances it is) to take a few minutes every five years to give a flat color design a coat of Lithco Clear, the original color would remain unchanged indefinitely.



Read data above concerning "Coloring of Stone".

For brushing Lithco Colors, ordinarily no thinning is required. IMPORTANT NOTE:—ANY TIME COLOR BECOMES THICKER, THIS MEANS, SOME SOLVENT HAS EVAPORATED AND MUST BE REPLACED WITH LITHCO SOLVENT. ALTHOUGH EACH LITHCO COLOR BOTTLE IS SEALED WITH TAPE, SOME SOLVENT WILL EVAPORATE IN TIME. IF COLORS BECOME TOO THICK, THIS SERIOUSLY AFFECTS THEIR ADHESIVE QUALITIES.

For spraying, some thinning is necessary. First spray a light coat—let dry a few minutes—and follow up with full color coat. For maximum protection spray coat of Clear Lithco over color coat. This also adds to richness of the color.





Lithco Colors are applied at any reasonable temperature so long as the stone is dry. If it is imperative that color work be done in winter, out-of-doors, and stone contains frost, dry out stone with propane torch heat. Since any Lithco Color or Clear will

adhere to any Lithco coating, this is an advantage should any color need brightening in the future. A coat of Clear over dulled color makes a remarkable change in appearance. See Page 2 for Lithco Color Chart.

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### LITHCO COLORS

**WHITE · BLACK · GREY · LIGHT BROWN · WARM BROWN · DARK BROWN · RUST RED · TAN  
PINK · MAROON · RED · BLUE · LIGHT BLUE · LEAF GREEN · LIGHT LEAF GREEN · #5 GREEN  
DARK GREEN · GOLDEN YELLOW · LIGHT YELLOW · SILVER · FLESH · VIOLET · PURPLE**

**Certain high test gasolines may affect Lithco colors. Therefore, it is best to use a non-flammable naphtha (mineral spirits) with a KB value of around 36 for cleaning.**

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### LITHCO CLEAR

Lithco Clear contains the latest development in surface coatings—a silicone resin compounded with our time-proven Clear. This silicone bonding resin is the nearest organic material to natural silica in weathering resistance. Application over any Lithco Color as a clear “over coat” gives assurance that the color has maximum protection against weathering.

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### LITHCO GOLD COLOR

Lithco Gold has been in use in the stone and monumental industries for twenty-four years. It is made in a spraying consistency so if being brushed, two coats will be required. IF BRUSHING, DO A MINIMUM OF BRUSH “STROKING” AS EXCESSIVE BRUSHING RESULTS IN POOR ADHESION. Once the coating has started to “set” it should not be disturbed by further brushing. Ordinarily spraying gives the best appearing coating.

If using Lithco Gold in lettering on polished granite the letters should not be blown deeply as this creates a shadow which detracts from the gold lettering.

### BRUSHES FOR APPLYING LITHICHROME MATERIALS

Quality Bristle Brushes — Sizes 1-2-3 Round

### AEROSOL LITHCO GOLD

The same usage conditions are true with this aerosol as with HILITE and SHADOW aerosols. READ THE HILITE AND SHADOW AEROSOL DIRECTIONS BEFORE USING.

