

# GEOSTAIN APPLICATION

## **SURFACE PREPARATION:**

All surfaces should be clean and dry before applying GEOSTAIN. Remove any loose or peeling paint, wax, oil, or previously applied sealer products. Test the concrete surface by placing a couple of drops of GEOSTAIN in a corner or closet. After 5 minutes, wipe up any standing stain with a cloth; if the stain did not leave sufficient color in the concrete, then additional prepping may be required. Consult one of our product specialists for more information on other preparation processes than can aid penetration.

New concrete should be allowed to cure for 2 or more weeks.

For best results, the surface temperature of the concrete should be between 45°F and 85°F.

Mask any surrounding surfaces that are not intended to receive the GEOSTAIN.

## **DILUTION/MIXING:**

Use GEOSTAIN at full strength for typical color density as shown on our color pallet. GEOSTAIN can be diluted with clean water for a lighter, more translucent effect. Shake GEOSTAIN well before application. If mixing or diluting, stir or shake often to keep pigments mixed thoroughly.

## **COLOR DEVELOPMENT:**

The depth and richness of the GEOSTAIN color can be developed by applying several successive coats. The number of coats may vary due to the porosity or color of the unfinished concrete.

Variations to our standard pallet of 9 colors can be created by applying 2 or more colors on top of one another (recommended) or by mixing two GEOSTAIN colors prior to application.

For more control over color development, it is recommended to apply lighter colors first. Apply the darkest color last as a top coat using a lighter spray volume until the desired tone is achieved.

Note: It is recommended to test GEOSTAIN in an inconspicuous area such as a closet or other hidden area to practice your application technique and to ensure that the color and mottle effect are satisfactory.

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## **APPLICATION TECHNIQUES:**

### **FOR LARGE AREAS:**

Apply GEOSTAIN with a pump up garden-type sprayer using a light, wide spray setting. Move the spray wand in random patterns to avoid repetitive overlapping lines. Apply until the surface is wet, but do not allow puddles to form. Lightly blot up puddles or drips with a clean, absorbent cloth or sponge.

### **FOR SMALLER SPACES:**

GEOSTAIN can be applied with a brush, rag, mop or high quality paint roller (3/8" - 1/2" nap). Use a clean, absorbent cloth or sponge to blot roller marks or drips.

### **FOR VERTICAL SURFACES / WALLS:**

GEOSTAIN can be applied to vertical concrete surfaces such as walls, columns, curbs. Any of the application techniques mentioned above can be used, however extra care will be needed to apply GEOSTAIN at a rate that will not run or drip down the surface. It is recommended to apply the product in two or more light applications to achieve the desired affect.

### **COVERAGE:**

Typical product coverage yields 150-250 square feet per gallon. Coverage will vary depending on the concrete surface porosity, environmental conditions or the application rate at which product is applied (i.e. desired darkness)

### **DRYING TIME:**

GEOSTAIN dries in 1 to 3 hours depending on the temperature and humidity of installation site. The use of electric fans or heaters can speed drying during high humidity conditions or cold temperatures.

### **TOP COATING:**

When applied correctly, GEOSTAIN penetrates the top layer of concrete creating a very durable finish. However it is strongly recommended that GEOSTAIN be sealed with one or more coats of clear concrete floor sealer before allowing heavy traffic. Water based or acrylic based concrete floor sealers can be used.

Allow the GEOSTAIN to dry completely before sealing. Follow the sealer manufacturer's product directions.

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