

MARYLAND PORTABLE CONCRETE

MPC'S RECOMMENDED DO'S & DON'TS FOR A SUCCESSFUL COLORED CONCRETE PROJECT

| | DO'S | DON'TS |
|-----------------------|---|---|
| WEATHER | 1. Look at the weather forecast to ensure no rain or inclement weather is forecasted in the next 24 hours. | 1. DON'T pour colored concrete if it's raining or if there is inclement weather forecasted in the next 24 hours. |
| | 2. Use only Non Chloride Accelerator during cold weather conditions. | 2. DON'T use calcium chloride. It will cause discoloration of the concrete. |
| SUBGRADE | 1. Place Concrete on a well-drained, damp subgrade that has adequate and uniform load-bearing characteristics. | 1. DON'T place concrete on a subgrade that is not thoroughly compacted and dampened. |
| | 2. Grade the subgrade so that the concrete is of uniform thickness and properly sloped for drainage. | 2. DON'T place concrete over freestanding water, on mud, or on frozen ground or soft spots. |
| CONCRETE INSTALLATION | 1. Adjust the slump prior to pouring out concrete. | 1. DON'T add additional water to a load after pouring out part of the load. |
| | 2. Pour multiple loads at the same slump to provide uniform color. | 2. DON'T allow the slump to vary from load to load. Control the mix for good uniformity. |
| | 3. Consolidate well and spade the concrete adjacent to the forms. Tap the forms to consolidate the edges. | 3. DON'T over-vibrate forcing aggregate to the bottom and all the paste to the top. |
| FINISHING | 1. For the most uniform color, skip troweling; just float and broom or use a swirl finish. Broom all surfaces in the same direction and manner. | 1. DON'T sprinkle or otherwise add water to the surface during finishing. |
| | 2. To reduce discoloration, use wood bull floats and darbies, not magnesium. | 2. DON'T fog the colored concrete with water. DON'T wet brooms or tools. Adding water causes the surface to pale or discolor. |
| | 3. Wait for the surface sheen, or bleed water to dissipate before troweling. | 3. DON'T over-trowel or start troweling late. This can lead to burns and dark spots. |
| | 4. Finish all surfaces within reasonably the same time. | 4. DON'T use inconsistent finishing practices. |
| CURING | 1. After final finishing, apply the recommended curing/sealing product on the surface. | 1. DON'T ever cover the surface with poly or any other material. |
| | 2. To provide a long lasting finish, establish a maintenance plan to re-apply the recommended sealer. | 2. DON'T apply a sealer without verifying compatibility and application method. |

Maryland Portable Concrete, Inc. | Plants located in Aberdeen and Elkton, MD
 Corporate Office: 111 Southway Havre de Grace, MD 21078 | Phone 410.272.1940
 Aberdeen 410.273.7900 | Elkton 410.398.8686 | Baltimore 410.575.7077
 DE 302.368.8488 | PA 610.932.7900