



The Chemical Company

MasterSeal Traffic 1500 (Sonoguard) Gemstone System

This is a basic outline of the specification and is intended as a guide for this project. All prep work must be completed and a stable substrate must be provided for MasterSeal Traffic 1500 (Sonoguard). Each project must be evaluated by a design professional to determine if this system is suitable based on the project conditions. Material must be applied according to BASF written instruction and product data sheets.

- 1) Remove any existing deck coatings by mechanical means and profile the surface of the concrete to that like 100 grit sandpaper or ICRI CPS surface profile of 3 to 5.
- 2) After all surface prep work has been completed, power wash the entire existing deck with a mild detergent to remove any dirt, grease or any other contaminants from the surface. Rinse with clean water and allow to dry.
- 3) Pre-strip all crack repairs, sealant joints, and cant beads with MasterSeal Traffic M 200 (Sonoguard Base Coat) to 25 wet mils. The MasterSeal Traffic M 200 (Sonoguard Base Coat) must be applied to fill and overlap the joint or crack 3" on each side. Feather the edges and allow to cure for 16 to 24 hours at 75° F and 50 percent relative humidity. Extend curing time at temperatures less than 75° F and relative humidity less than 50 percent.
- 4) Apply 25 wet mils MasterSeal M 200 (Sonoguard Base Coat) to entire deck surface, over-coating properly prepared cracks, joints, and integral flashings. Use flashing/slope grade MasterSeal Traffic M 200 (Sonoguard Base Coat) for sloped areas. Do not coat expansion joints over 1" inch wide. Allow overnight cure for 16 to 24 hour at 75° F and 50 percent relative humidity. Extend curing time at temperatures less than 75° F and relative humidity less than 50 percent.
- 5) Coordinate TC 225 color with Gemstone Baseflex color. Apply MasterSeal TC 225 Top Coat at a rate of 100-120 ft² per gallon. Immediately backroll to level Top Coat. While coating is still wet, broadcast 40/45 grade aggregate to refusal. Allow to cure overnight.
- 6) Remove all loose aggregate by sweeping or vacuuming surface.
- 7) Install Gemstone System to MasterSeal Traffic 1500 (Sonoguard) System per Gemstone System specification and technical data guide.

IMPORTANT NOTES:

- MasterSeal CR 195 (Sonolastic Ultra) sealant is required to be used in conjunction with a decorative cementitious system for all sealant applications.