

# MasterSeal® Traffic 1500 Deck Coating Systems

## Cold Weather Applications

### FORMERLY SONNEBORN SONOGUARD DECK COATING SYSTEMS COLD WEATHER APPLICATIONS

MasterSeal Traffic 1500 vehicular and pedestrian traffic systems are composed of the latest technology in urethane deck coatings. It is important to note however that the cure rate of MasterSeal Traffic 1500 is affected by temperature and humidity. Increases in the temperature and humidity will result in an increased cure rate. Decreases in the temperature & humidity will result in a slower cure rate. The following guidelines are intended to provide pertinent installation information for cold weather applications.

MasterSeal Traffic 1500 can be applied at temperatures down to 40 degrees F, however important considerations to understand when applying deck coating membranes at low temperatures would include the following:

- The substrate must be frost free prior to the application of MasterSeal in order to achieve proper adhesion.
- Lower temperatures will result in the MasterSeal M 200 and TC 225 to become much thicker in viscosity and cure slower. Consequently it becomes more difficult to apply. Preconditioning the deck coating materials to room temperature before use and if possible working in heated enclosures will make the application easier and also aid in shortening the cure time in cold weather. MasterSeal TC 225 Accelerator may also be added to the MasterSeal M 200 and TC 225 to aid in shortening the cure time in cold weather.
- If MasterSeal Traffic 1500 is subjected to freezing temperatures after it is applied, it will still cure. However the cure time will be very slow. One of the greatest concerns of applying deck coating materials at cold temperatures is that it remains tacky on the surface longer. Any dust or debris blowing around the job site may be stuck in the coating.

It is important to note that even though the MasterSeal Traffic 1500 deck coating materials may be heated prior to application & the MasterSeal TC 225 accelerator is also utilized, it should be understood that it is difficult, if not impossible, to determine the final cure times of MasterSeal M 200 & TC 225 at colder temperatures. Consequently, cure times will vary on a case-by-case basis.

It is ultimately the responsibility of experienced deck coating applicators to ensure that the above noted items are closely adhered to when working in cold weather conditions and that the deck coating material is fully cured prior to allowing pedestrian or vehicular traffic. It is understood that the MasterSeal products be applied according to their technical data sheets. If you have any questions, please contact BASF Technical Services 800-243-6739.

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### **HEALTH , SAFETY AND ENVIRONMENTAL**

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.basf.us](http://www.master-builders-solutions.basf.us), e-mailing your request to [basfbscst@basf.com](mailto:basfbscst@basf.com) or calling 1(800) 433-9517. Use only as directed. For medical emergencies only, call ChemTrec® 1(800)424-9300.

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