

Basic Guides for Hot Weather Concreting

Basic Hot Weather Concreting Tips

1. Plan in advance. Have equipment and materials ready before the hot weather arrives.
2. Keep the subgrade and forms moist so they will not absorb water from the mix.
3. Keep sunshades and windbreaks available and use them whenever possible.
4. Have everything prepared before the mobile mix truck arrives. Don't make the truck wait for you.
5. Concrete should be placed, struck off and darbyed immediately.
6. Use evaporation retardants, fogging or misting with water, or cover with a vapor-proof sheet after screeding. This will help prevent rapid drying, crusting, plastic shrinkage and rubber sets.
7. Temporary covers, like continuously moistened burlap, may be placed over the fresh concrete & removed in small sections ahead of the finishers.
8. Substituting a burlap drag or broom finish will eliminate other high risk finishing practices, such as smooth trowel finish.
9. Curing should take place when the surfaces are hard enough to resist marring.
10. Seal with a good, quality sealer a minimum of 30 days after placing and curing.
11. Remember to protect the crew in high temperatures. Drink plenty of fluids and be careful with long exposure to the sun.

There are always brief stretches of weather during any season when it is not feasible or advisable to place concrete.