

Mobilization Guidelines For a Smooth Running Project

Electrical Requirements -

Due to the number of electrical tools necessary to perform our work, we require a minimum of 6 - 115v, 20 amp circuits within close proximity to the work area. If electric scarifiers, shot blasters or large electric diamond grinder are to be used, we require 260 volt, 60 amps or 480 volt, 30 amp (both are 3 phase).

Drains -

These are required to empty and flush out our floor scrubbers throughout the floor preparation process. They must be located in an area accessible to both ride-on and walk-behind equipment and must be in close proximity to a hose bib to facilitate rinsing and flushing of tanks between steps.

Waste Disposal -

We require a dumpster to be available for our use. The normal required size of dumpster is 10 cubic yards. Eco Prep, shot blast and scarifier waste is mostly dust and belts. Waste from the use of grinders is concrete dust and can be placed into dumpsters. The balance of the waste is made up of coating containers drained to RCRA standards.

Floor Temperature -

Industry standards set the minimum at 65° F and the maximum at 90° F, with the exception of highly specialized applications. These are not arbitrary numbers; they are essential to allow for proper wetting-out and bonding to take place. Also, if the floor is too cold, many coatings do not develop the molecular cross-linking necessary to properly cure. If the floor is too hot, the same problems arise because the floor coating cures too fast. The temperature of the floor can also affect the pigments used in coatings. When the floor is at or below 65° F, the coating will take longer to cure and can allow the pigment to move or "float". This will result in an uneven or streaked appearance.

Air Flow -

To properly control the ambient room temperature and floor temperature, the building must be able to be entirely closed. This allows us to properly monitor airflow, humidity and temperature to ensure we are within manufacturer's guidelines. All open apertures must be sealed. Also forced air heaters can move airborne debris into the coating, resulting in imperfections or bubbling.