



FasTop™ 12S System

FasTop 12 S is a very rapid curing urethane concrete; there are many conditions and special equipment concerns that must be considered when applying this system. Review the System Bulletin before commencing the application and if there are questions about your installation, contact Technical Service. Based on an application to be completed at 75°F, the following equipment and miscellaneous material are recommended.

Manpower and Equipment

- Minimum crew size of 5, should provide a production rate of 800 to 1000 sf per hour
- Consider the need for fill or patching material
- A heavy duty ½ inch electric drill and drop cords
- A long shaft jiffy or flower blade is best for blending
- Place mixed material with a cam/gauge rake or flat trowel
- Loop roller covers to level the surface of the mixed material
- Chip brushes will be required to push material in hard to reach areas.
- Many 5 gallon clean buckets will be required to complete your installation
- MEK or Xylene will be required for cleaning tools
- The mix station will need to be large, to protect against liquid and aggregate spills
- Mixing station personal should be provided with protective gloves and dust masks

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Technical Notes

- Elevated temperature, humidity and air movement reduce working time
- Precondition material to the environment 24 hours prior to application
- Organize the mix station to minimize any delay from mix to mix
 - a. Separate and open A sides to check for a broken emulsion
 - b. Separate and open B sides
 - c. Separate and open C side aggregate (bags)
- Do not premix A or B components
- Mix one unit at a time in a 5 gallon pail
- Don't mix more material than can be used within 5 minutes
- Don't over mix, this will reduce working time
- Don't mix material in direct sunlight.
- Don't leave mixed material in mass, pour entire mix onto the floor scraping the sides
- DON'T MIX PARTIAL KITS
- Broadcast aggregate within 5-10 minutes of placement, faster in adverse conditions
- Build-up on the mix bucket can shorten work time of a new mix, change buckets if in doubt
- Match the pour to crew size – crew of 7, no more than 25 feet wide, break at a joint or tape line
- One kit should be poured in a 6 inch ribbon across the work area at about 20 / 25 lineal feet
- Check routinely to assure the system is applied at the correct thickness
- Position broadcast aggregate around installation to avoid delays (0.5 lbs per foot minimum)
- If leveling is a problem check thickness, if OK add up to 8 ounces of mineral spirits per kit

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- Please consider the need and use of a primer to limit concrete out gassing
 - a. Primer options 3477, 3460 and or 4040 in special circumstances
- In certain conditions, high heat-humidity-air movement, CO₂ out gassing can occur, this is not to be confused with concrete out gassing - CO₂ will occur within 30-45 minutes of application, if seen stop the application and contact Technical Service with batch numbers and environmental conditions