

TOUGH-SEAL

250



APPLICATION INSTRUCTIONS: TOUGH-SEAL 250

MOISTURE VAPOR EMISSION TESTING

All interior concrete floors are subject to possible moisture vapor emission and/or excessive alkalinity that could ultimately cause coating failure. Prior to application, calcium chloride moisture testing should be conducted according to ASTM 1869-04.

SURFACE PREPARATION

Surface must be clean, dry and profiled prior to installation of primer. Acceptable methods for preparation are diamond grinding or acid etching. If acid etching, follow APF written instructions. Concrete must have a minimum surface profile ICRI CSP 1, or a texture similar to 150-grit sand paper.

APPLICATION OF PRIMER

The primer for this system is Polyurethane 250 or Polyurethane 250 VOC. Apply one coat using a 3/8"-1/2" nap roller. Do not pour the material directly onto the concrete; apply from 5 gallon pail or roller pan. Coverage rate should be 250-350 sq. ft. per gallon depending on the substrate texture. The primer coat may be reduced up to 25% with acetone or xylene. **Never use the satin finish material as a primer. Doing so could result in coating turning white.** The curing time between coats will be 2-4 hours depending on conditions.

APPLICATION OF FINISH COAT

The topcoat for this system is Polyurethane 250 or Polyurethane 250 VOC. Apply one coat using a 3/8"-1/2" nap roller. Do not pour the material directly onto the concrete; apply from 5 gallon pail or roller pan. Coverage rate should be 250-350 sq. ft. per gallon depending on the substrate texture. Coverage rate should be 250-350 sq. ft. per gallon depending on the substrate texture. Allow coating to cure for 48 hours prior to returning to foot traffic and seven days for vehicular traffic.