Tough-Seal 400 Sealer System

APPLICATION INSTRUCTIONS

SUPER-KRETE PRODUCTS REQUIRED:

- **SK-E400**
- **SK-E100**
- **SK-E100 VOC**
- **SK-P501**

MOISTURE VAPOR EMISSIONS 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 *SK-E400* clear. Apply one coat using a 3/8"-1/2'' nap roller. It is important to remember that temperature and the volume of material mixed at one time can dramatically effect pot life. Do not mix more material than can be applied in 20 minutes. The coverage rate should be 150-250 sq. ft. per gallon depending on the substrate texture. The primer coat may be reduced up to 5% with acetone or xylene. The curing time between coats will be 8-12 hours, depending on conditions.

APPLICATION OF FINISH COAT

The topcoat for this system is *SK-P100, SK-P100 VOC* or *SK-P501*. Apply one coat using a 3/8"-1/2'' nap roller. Coverage rate should be 250-350 sq. ft. per gallon depending on the substrate texture. Allow the coating to cure for 48 hours prior to returning to foot traffic and seven days for vehicular traffic.