

# TOUGH-SEAL

## WB 501



### APPLICATION INSTRUCTIONS: TOUGH-SEAL WB 501

#### 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 2, or a texture similar to 120-grit sand paper.

#### APPLICATION OF PRIMER

The primer for this system is Epoxy 200 clear. Apply one coat using a 3/8"-1/2" nap roller. Once the material is mixed, it should be applied at 250-300 sq. ft. per gallon. Special care should be taken to avoid leaving any puddles, as they may remain permanently cloudy. The curing time between coats will be 2-6 hours depending on conditions. Do not apply this coating if the relative humidity is over 80% or the temperature is below 50 degrees F.

#### APPLICATION OF FINISH COAT

The primer for this system is Polyurethane 501. Apply one coat using a 3/8"-1/2" nap roller. Once the material is mixed, it should be applied at 250-300 sq. ft. per gallon. Special care should be taken to avoid leaving any puddles, as they may remain permanently cloudy. Do not apply this coating if the relative humidity is over 80% or the temperature is below 50 degrees F. Allow coating to cure for 48 hours prior to returning to foot traffic and seven days for vehicular traffic.