Solutions For Structures

Case Study #1: Coating Concrete

Application of ATPG by Squeegee & Roller

ATPG is a two-part coating. Both parts must be thoroughly mixed together. This is done by pouring the contents of the container labeled Part B with the contents of the container labeled Part A and mixing with an industrial paddle for 5 minutes.

After both parts are mixed for 5 minutes, pour the entire contents of the Part A container onto the surface in a ribbon of approximately 5-6 inches in width. Do not pour in a puddle.

Spread the coating over the surface using the notched squeegee until the coating is uniformly covering the surface. Note that the squeegee is at a slight angle.

Prepared Surface: Proper surface preparation is paramount to the successful application. The better the surface preparation, the better and longer lasting the performance of the coating. Remove all oil, grease, dirt, soil, salts and contaminants from the surface to be coated. Soluble salts and emulsifiable contaminants are best removed with pressurized water and specialized detergents.

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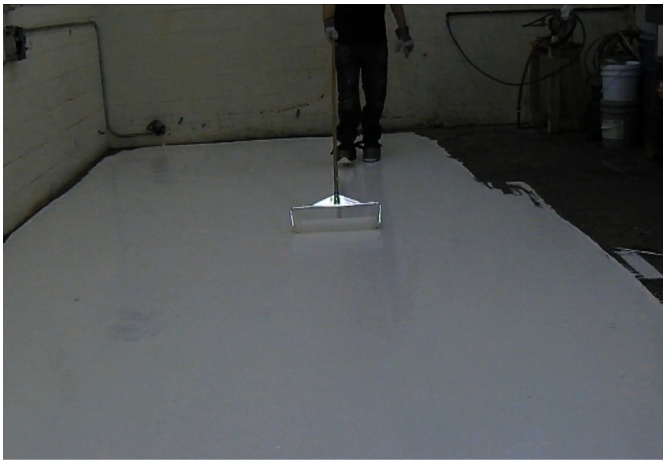
After the coating has been spread over the surface with a trowel, back roll using the roller at a 90 degree angle across the squeegee lines using a smooth back and forth motion.



After the surface has been back-rolled at a 90 degree angle, roll the surface at the same angle as used by the squeegee.

Continue rolling until the entire surface has been cross-rolled.

The surface should be uniformly coated with no lines or imperfections.

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