



SPECIALTY CONSTRUCTION PRODUCTS

Coatings for Concrete Countertops

Many customers have asked ChemMasters about coatings for concrete countertops. Here are our recommendations:

1. [Polyseal WB Prime Coat with Safe-Thane](#). Safe-Thane is a water-based, single component, high gloss, non-yellowing clear polyurethane sealer. Solid content on this product is 27%. A primer coat of Polyseal WB will enhance the gloss of the first coat of Safe-Thane. A second coat of Safe-Thane will increase the thickness of the film and improve the gloss of the finish. ChemMasters' recommendation is to always use the prime coat. You may elect to use two coats of the Safe-Thane without the Polyseal WB primer. The gloss may not be as high or as consistent without the prime coat.
2. [Duraguard 300 A](#), is an aliphatic, high solids (54%), single component, non-yellowing, moisture cure urethane sealer. This is our highest performance countertop product offering maximum chemical and abrasion resistance. However it has its disadvantages. Duraguard 300 A has a very strong solvent odor therefore adequate ventilation is required. Once the container is opened, the air will cause gelling of the remaining urethane in a very short period of time. With Duraguard 300 A, no primer is necessary and one coat will be sufficient in many cases.
3. [Durashield SRT](#), is a two-component, high solids, new generation solvent replacement technology product. Durashield SRT has many of the advantages of a urethane coating, but at a significant cost savings. Durashield SRT offers virtually no odor, a high chemical and abrasion resistance (approaching that of a urethane), high gloss, and a non-yellowing finish for interior and exterior concrete applications. A prime coat of Polyseal WB must be used before the first coat of Durashield SRT. A second coat of Durashield SRT is optional. The prime coat of Polyseal WB is essential to the system and is economically advantageous.

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