

APPLICATION SPECIFICATIONS – ICO URE GUARD TL

1. Obtain clean, abraded surface by shot blasting, scarifying or diamond grinding. For heavy oil or grease-saturated floors clean thoroughly with a heavy-duty degrease prior to mechanical prep.
2. Cracks 1/8" or greater in width should be routed out in a V-notch fashion and pre-filled with ICO Gel or a paste made with our ICO Primer LV and sand.
3. All expansion joints must be carried through the urethane topping according to our Drawing Detail # 4. For inside applications our ICO Lastic Gun Grade material is recommended.
4. ICO Ure Guard TL is a self-priming floor; however, in cases of going over less-than-30-day old concrete or in constantly damp conditions, we recommend applying a coat of our two part epoxy primer, ICO Primer LV (or LVFC) and allow to dry tack free. This also helps reduce the risk of out gassing.
5. Mix Parts A & B in a paddle-style mixer at low-medium speeds for about 30 seconds, adding in the dry tint at the same time. Then add the entire contents of the 50 pound bag of ICO Fill Ure Guard Trowelled sand mix and mix for about 30 more seconds, or until mix is uniform in color and consistency.

Caution: use only this sand mix; no substitutions are allowed.

6. Immediately dump out onto floor and spread to desired thickness by screed box, screed bar or gauge rake. Minimum thickness recommended: 1/4"; 3/8" for severe thermal shock environments. The material can safely be spread up to 1" per pass.
7. Lightly trowel floor to smooth out ragged spots. Do not over trowel as this can cause blistering. Allow to set for a few minutes, then backroll with a fine nap roller moistened slightly with mineral spirits to remove any trowel marks and bring up the juice. Then immediately broadcast in suitable grit to achieve desired texture. Allow to dry hard for foot traffic.

Caution: Ure Guard TL has a limited working time of about 15-20 minutes at 70°F.

8. (Optional) For a higher gloss, more stain-resistant finish apply a top coat of Ure Guard 100, a 100% solids aliphatic polyurethane coating, at a maximum coverage rate per coat of 10 mils(=160SF/gal). Apply within a 24 hour window, after the trowelled floor has been laid.
9. Do not apply these systems below 40°F or within 5°F of the dew point.

Caution: Any unused Part B should be blanketed in nitrogen and stored in a tightly secured container as it is highly reactive with moisture.