



Application Guide

ICO Ure Guard 100 (Clear/Pigmented)

1. If applied over bare concrete, mechanically prepare by diamond grinding or shotblasting to obtain a clean, abraded finish of a minimum texture of at least 80 grit. Make sure that all oils, greases, or other chemical contaminants are removed prior to mechanical prep by suitable chemical cleaners.
2. If applied over a previously painted floor, shot blast or diamond grind to remove all poorly bonded material and roughen up well-bonded coating.
3. Any cracks $\frac{3}{8}$ " and wider or old control joints should be routed out and pre-filled with ICO Gel, then allowed to dry tack free.
4. Any holes greater than $\frac{1}{2}$ " in depth can be filled with ICO Patch over fresh primer and allowed to dry tack free. Smaller holes or spalled concrete can be pre-filled with ICO Primer Slurry prior to finish coat.
5. No priming is necessary over dry concrete. If new concrete (< 28-day-old cure) or damp concrete, apply ICO Primer LV or LVFC at a coverage rate of 200-250SF/gal. Allow to dry tack free.
6. If clear, add Part B to Part A and mix for at least 30-60 seconds until uniform.
7. If pigmented, mix Part A with a jiffy-style mixing blade at low-medium speeds for about 30 seconds, then add Part B and mix for another 30 seconds or until mix is uniform in color. **Allow a 3 minute induction time prior to pouring.**
8. Immediately dump contents onto floor and spread with a notched squeegee to desired coverage rate and then back roll to obtain uniform consistency. It is important that sufficient manpower is available to apply the pigmented Ure Guard 100, as it has very limited working time of 10-15 minutes at 70°F. Note that in humid conditions (>50% RH), maximum application rate/coat is 300SF/gal/coat to help reduce chances of foaming. For drier conditions, maximum application rate is 200SF/gal/coat, unless applied over a seeded bottom coat. Immediately spread any Ure Guard 100 that pools to reduce chances of foaming.
9. As a top coat for our ICO Glaze wall coating system, maximum coverage rate per coat is 300SF/gal at 70°F before sagging. Mix only enough material that can be applied in 15 minutes at 70°F

Notes:

1. Part B is very susceptible to moisture. If not all material is used up, it should be repacked under nitrogen. Note that maximum shelf life is 6 months.
2. Range of application temperatures is 40°-90°F, at least 5° above the dew point.
3. Recoat window is 48 hours at 70°F.
4. ICO Ure Guard 100 while hard for foot traffic in 24 hours, takes longer to fully cure than solvent-based urethane coatings. Protect floor from heavy traffic for at least 7 days; otherwise, it tends to be harder to clean than in its fully cured state.

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