

## APPLICATION SPECIFICATIONS – ICO LASTIC

1. On uncoated concrete floors, lightly shot blast to achieve about an 80 grit profile. Oil saturated floors must be thoroughly cleaned with a heavy duty degreasing agent prior to shot blasting. Repeat if necessary. Previously coated floors can be sanded, removing any loose or peeling old coating, prior to application. If the old coating's identity is unknown, prime a small area with ICO Primer LV FC and test for adhesion the next day.
2. Cracks of 1/8" or more, including construction joints, must be cleaned, routed out in a v-notch and then filled with ICO Gel. Existing expansion joints need to be cleaned out and then have a backer rod inserted about 1/2" down from the surface and sealed with the ICO-Lastic. Sealing of the expansion joint must be done and allowed to cure prior to applying the ICO-Lastic over the floor.
3. ICO-Lastic is a self priming material, however, on porous substrates, to help prevent outgassing, prime with ICO-Primer LV or LV FC and allow to dry tack-free state before application.
4. Surfaces which have been mechanically cleaned and have a rough profile (exposed aggregate of 1/8" or more) should be leveled smooth by using ICO-Primer SL Slurry mix. Any holes deeper than 1/2" can be sealed with ICO-Patch and such holes must be filled first and while the primer is still tacky.
5. Mix Part A and B at low speeds (<750 rpm) with a "jiffy-style" mixing blade, for at least 60 seconds, or until the mix is totally uniform. Note that the A:B mix ratio is 9:1 by volume, so extreme care must be followed in emptying out all the contents of Part B.
6. Apply ICO-Lastic with a 1/8" V-notched trowel or squeegee (coverage for a 20 mil application is about 80 SF/gallon). Use of a spiked roller is recommended to help break any air bubbles and to level the floor. Because of the high viscosity of the mix, assume a minimum application of 20 mils per coats. Note that for optimal crack-bridging properties, ICO Lastic needs to be applied a minimum of 60 mils (25 SF/gal).
7. Do not apply on slopes greater than 1/8" per foot in a single pass; instead, apply in thinner, multiple coats with a roller, trowel or squeegee.
8. For anti-slip texture, broadcast in desired texture into still-wet coat.
9. Vertical surfaces can also be coated, but all bug holes and cracks must be filled with ICO Gel and all protuberances ground flat. Thereafter the ICO Lastic can be applied by roller at a rate not less than 150 SF per gallon per coat. Too thick an application at one time will cause the ICO-Lastic to run.
10. ICO Lastic should always be brought up the wall at least four inches for best water-proofing. The transition from floor to wall should be done over a coved corner, using ICO Floor Cove mix.
11. ICO Lastic can be used outside and will retain its elastomeric properties. However, as it is a part epoxy, it will discolor. To prevent discoloring, apply a topcoat of our URE Guard 60 or URE Guard 100 pigmented to the same color as the Lastic.