



## **APPLICATION SPECIFICATIONS- ICO PRIMER LV/ICO-PRIMER LV FC/FC**

1. On uncoated concrete floors, lightly shot blast to achieve an 80 grit-type finish, unless a heavy duty topping applied on top, in which case a 40 grit finish preferred. Remove any oil or grease first with a suitable chemical cleaner.
2. Mixing should be done in a “jiffy-type” mixer at low-medium speeds (<750 rpm). Mix Part A first for at least 30 seconds, then add Part B and mix for another 30 seconds.
3. Immediately dump contents on floor in a ribbon-style fashion, spread to desired coverage rate (usually about 250 SF/gallon on “tight” concrete) with notched rubber squeegee, then back roll with fine nap roller. Re-prime any dry spots. Allow to dry tack free (except for ICO Patch and ICO Floor) to minimize risk of outgassing.
4. The coverage rates of the primers are dictated by the surface porosity. Average coverage for ICO-Primer LV and LV FC on concrete will be 250-300 SF per gallon; for ICO-Primer FC, approximately 200 SF per gallon. The intent is to thoroughly wet the surface. If the primer appears to soak into the surface and then produce a dry spot, the area should be re-primed.
5. The primer, depending on which product is going over it can be coated over either when it is tacky or tack free (See Product Specification). Going over the primer while it is still wet could cause bleeding and slipping of the top coat. Do not allow primer to set for more than 12 hours before being coated over and not more than 1 hour after setting in direct sunlight. If the primer is allowed to set hard, it must be sanded. If for any reason an area cannot be covered with 12 hours, then it must be broadcast with sand while still wet. This will give the necessary “key” when top coated.
6. Crew members transporting the mix from the mixing area to the point of application should travel over plastic sheets or other protection for the floor surface in those areas. They should not walk on the primed surface but instead hand the buckets of the mix to the finishers at the edge of application before applying topcoat.
7. Normally, open time for ICO Primer LV is 24 hours at 70°F. To prolong open time, broadcast in 30-40 grit sand liberally to obtain mechanical tooth.
8. For faster cures between 50°-70°F, use Primer LV FC. For application temperatures 32°-50°F, use Primer FC.