



APPLICATION SPECIFICATIONS – ICO QUARTZ 120 DB

1. New concrete should normally be allowed to cure for a minimum of 28 days. Always check the floor for moisture migration using plastic sheet tests and installing calcium chloride test kits every 1000 sq. ft. For assistance or for shorter cure times contact International Coatings Technical Service Department.
2. Previously coated floors shall be aggressively ground to remove any loose or peeling old coatings. If the existing coating can be scraped from the surface it should be removed entirely to expose the concrete. The concrete should then be treated as uncoated concrete, (see paragraph 4 below).
3. Remove any spots of grease, oil, etc., by using suitable degreasing materials or solvent wiping.
4. No primer is necessary, however, if the concrete is particularly porous or damp, use of ICO-Primer LV or LV FC is recommended. Likewise, if the concrete is particularly rough (aggregate exposed to depth of ¼”), use of Primer SL Slurry mix is recommended.
5. Mix ICO-Quartz Base Coat, Parts A & B, with a “jiffy-style” blade at low-medium speeds (<750 rpm) for 1-2 minutes.
6. ICO-Quartz 120 Base Coat is applied in two applications:

A first coat applied at about 80 SF per gallon, seeded with color quartz at the rate of about 50 pounds per 100 SF, followed by a second coat at 80 SF/gallon seeded with again 50 pounds of quartz per 100 SF. Allow each coat to dry and sweep off the excess loose quartz. In the final application lightly sand any projecting tips of quartz.

7. Apply a top coat of ICO-Sealer or URE Guard 100 at the rate of 100 SF per gallon. A second coat of ICO-Sealer (or URE Guard 100 if a better gloss and color retention is desired) can be applied at about 100-150 SF/gal for achieving a smoother floor.