

## **APPLICATION SPECIFICATION**

### **ICO GLAZE/ICO GLAZE ES WALL COATING SYSTEM- BLOCK WALLS**

1. All new concrete block shall be pressure washed using a minimum of 3000 psi pressure in conjunction with brushing using stiff bristled brushes. Remove all traces of form oil or other release agents, by chemical means.
2. On old block walls, remove all previous applied coatings, including any block fillers, by mechanically abrading the surface with 16-24 grit sanding discs on right angle grinders. Particular attention should be paid to old coating in the mortar joints, making sure all of the old coatings are completely removed. Other forms of removal can be used if the objective of removal is accomplished to the extent the original substrate is exposed (at least 50% of the block surface should be visible).
3. Remove any protuberances of excess mortar, cement, etc., by grinding or sanding. When all surface grinding or sanding has been completed the surface should be vacuumed to remove all dust and loose particles before proceeding.
4. Apply ICO Primer GL to the wall at approximately 150-200 sq. ft. per gallon. For particularly porous block, apply ICO Primer GL XT instead at about 100-160 SF/Gal.
5. Fill large holes with ICO Gel or ICO Gel XT vertical or overhead epoxy filler. Allow to dry tack free. Note: epoxy gel is not normally needed to fill in block holes, nor should any cementitious filler be used.
6. For smoothing walls (Glaze ES System), apply ICO Gel with a taper's trowel or rubber float, so that joints are totally filled in. Allow to slightly set up for about 15-30 minutes, then wipe smooth with rubber squeegee, moistened with a little IPA. Allow to dry hard.
7. Sand off protuberances and fill shallow areas with a second, thin pass of ICO Gel.
8. For new block walls, apply ICO Glaze Base Coat at about 100 SF/gallon, either by 3/8"-1/2" nap, roller or spray (see Glaze Spray Application Sheet). If spray applied, back roll and with fine nap roller to better work Base Coat into pores.  
Note: Because of viscosity of Glaze Base Coat, a fairly heavy orange peel will be present. This can be reduced by spray applying and back rolling with fine nap roller, as opposed to applying by roller.
9. After Glaze Base Coat has dried tack free, apply ICO Glaze Top Coat at a coverage rate of 160-250 SF/gal (6-10 mils DFT) with a 1/4" nap roller or by spray.
10. For old, previously painted block walls, after priming (see #4 above), apply a single coat of Glaze Top Coat at about 160-200 SF per gallon by spray or by 1/4" roller. Allow to dry tack free. Then repeat this step with Glaze Top Coat at a coverage rate of about 200-250 SF/gal.
11. (Optional) For better gloss and color retention, particularly if UV light present, apply a single coat of ICO URE Guard 100, 100% solids polyurethane coating at about 300 SF/gallon. Allow at least 24 hours to dry.
12. Do not apply Glaze or Glaze ES System below 50°F without first consulting with ICO Technical Service.