



Application Guide

ICO Glaze ES- Smoothing Block Walls

1. All new block must be washed using a minimum of 3000psi pressure to remove contaminants.
2. On all old walls remove all old coating, as well as block filler, down to the surface block, preferably by mechanical means such as 16 to 24 grit sand discs on right angle grinders. Chemical strippers may also be used, but are generally only effective when just a few layers of paint are present.
3. Apply ICO Gel by taper's trowel to fill joints and gouges. Make sure that all the joints are filled, then smooth out with a rubber squeegee to minimize ridges. The block surface should be scraped relatively free of the filler. Allow to dry hard for sanding.
4. Sand protrusions, then fill low spots with second coat of Gel, again followed by smoothing with a rubber squeegee. Allow to dry hard for sanding.
5. Final sand to obtain smooth surface.
6. Apply a single coat of ICO Glaze Top Coat at 160SF/gal with a ¼" nap roller. Allow to dry tack free.
7. Apply a second coat ICO Glaze Top Coat at 160SF/gallon.

Notes:

1. If applying this system, you do not need to prime as the ICO Gel acts as a primer and partial block filler.
2. ICO Gel is available in regular, medium, fast and extra fast cure. The exact material should be chosen on the basis of application temperatures, job completion schedule and in the case of fast and extra fast cure versions, how quickly you are able to apply contents before it starts to gel. ICO Gel RC and MC can only be applied above 50°F, and ICO Gel XFC can only be applied down to 32°F but never above 50°F.
3. **CAUTION:** the Gel dries very hard, so it is important to minimize grinding by getting as smooth a surface as possible without ridges. Diamond grinders must be used to remove ridges.
4. Gel kit sizes include one and three gallon premeasured kits and thirty gallon bulk packs (includes filler). Coverage per gallon is approximately 12 to 13SF at ¼". On average porosity block walls with recessed joints, one three gallon kit will cover between 80 to 120SF, assuming the block surfaces are scraped cleanly. Note that these coverages can vary widely, if the blocks are not in perfect alignment.
5. Typically, the ICO Glaze ES system is recommended in environments likely to see high pressure wash-downs (typically the bottom 8 to 10 feet of walls) where filling the joints provides added insurance against hairline cracks, that are more likely if just coating applied in the joints.
6. The second coat of ICO Glaze Top Coat can be replaced by one of our urethane coatings (ICO Glaze UV) if more color stable, glossier surface is desired.

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