

Pool Deck at Maryland Motel Gets a 'Face Lift' with ENECRETE DuraFill



ENECON developed DuraFill for use as both a cost effective, bulk-fill material and for "broadcast" flooring applications. It has gone through well over a year of very successful field application trials.

Note: DuraFill is supplied as a 60 kg. resin system, consisting of a 2 x 5 gallon pails of Base plus 1 x 5 gallon pail of Activator (mixing ratio by volume: 2:1). These DuraFill resins can be mixed with locally sourced aggregates such as 'pea' gravel for use in bulk-fill applications or colored aggregates can be used for aesthetically pleasing broadcast flooring. Each DuraFill system yields approx. 3,350 cubic inches of polymer which is roughly 37 times the amount in our standard DuraQuartz resins. A fully mixed DuraQuartz system will yield approx. 400 cubic inches; a DuraFill system mixed with fine sand can yield up to 15,000 cubic inches.

In this instance, a local motel owner contacted Kevin Jason, ENECON's exclusive distributor in Maryland, and asked him to take a look at a damaged and weathered pool deck at one of his motels. After discussing this project with Matt Goldberg, ENECON's VP, the decision was made to recommend a broadcast floor installation utilizing DuraFill and locally sourced colored aggregates.

The standard installation procedure requires that after proper floor

cleaning/preparation, a first layer of the DuraFill resins should be rolled out followed by a heavy 'broadcast' of colored aggregate. This is then left to cure overnight; the excess aggregate should be swept and vacuumed up the following morning. Any imperfections should be sanded/ground and a second coat of DuraFill resins should be rolled out followed immediately by a second broadcast of aggregate. Once again, this is left to cure overnight and the excess aggregate should be swept and vacuumed the next day. Any imperfections should be sanded/ground and a third coat of DuraFill polymers should be rolled out to completely seal the aggregate and provide for a uniform color on the broadcast floor. We call this a triple-roll-double-throw system.

Because of time constraints, however, the motel owner decided to only apply a double-roll-single-throw system. The pool could only be closed for two days. The pictures illustrate the great results that the motel's own in-house installation crew achieved.

Note: Our 60 kg. DuraFill polymer system will cover approx. 2,000 sq. ft. at about 8 - 10 mils. We typically recommend approx. 1 lb. of colored aggregate per sq. ft. should be broadcast over the rolled resins. Excess aggregate can be swept/vacuumed and can be re-used.