



Shower Summary:

We usually begin with a layer of 1/2" plywood, that is blocked on the seams. Then we use thinset, applied with a 1/4" x 1/4" notch trowel to embed the cement board (still screw the cement board to the plywood) and we misalign the seams between plywood and cement board. This whole process results in a minimum amount of movement in the substrate. Once the cement board is installed we use Redgard or a comparable waterproofing membrane to establish a vapor barrier. We fill any gaps in the cement board with a Milestone/Sand mix first, then paint on a coat of the Redgard, install 4 inch reinforcing mesh at all the joints and a layer of 4 ounce fiberglass cloth over the whole surface. We run the mesh into the drain as well. We embed the mesh into the Redgard, using a putty knife or trowel. After gluing the mesh to the cement board in this way, we add some #70 grit sand to the Redgard and paint on a second coat just to give a little better tooth to bond to for the subsequent Milestone base coats. This make a great water proofing membrane and it also acts as an anti-fracture membrane. After you trowel on a couple of base coats using a 1 to 1 (by volume) mix of Milestone cement and #70 grit silica sand you should have all of your shapes (corners and level surface) established. The finish uses Milestone E colored with Universal Tints and is always comprised of at least 2 coats. The exact procedure depends on the type of finish selected (see hand-out for Finishes Workshop for further instructions). After troweling the 2 final coats, you still have to seal the surface in order to deal with moisture and potential staining. The sealer combination for showers is as follows:

2 coats of 511 impregnator on the first day. Let dry.

1 coat of 511 impregnator on the second day. Let dry.

1 coat of Cementic urethane.

2 coats of Kelly Moore water based epoxy; thin the first coat with 20% water.

Let dry between coats. Scotch brite lightly.

1 coat of 511 impregnator. Let dry.

2 coats of Cementic Canuba wax.