



PRODUCTS OF
COMPOTITE CORPORATION
LOS ANGELES, CA.
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www.compotite.com

BLUE VINYL SHOWER PAN MEMBRANE

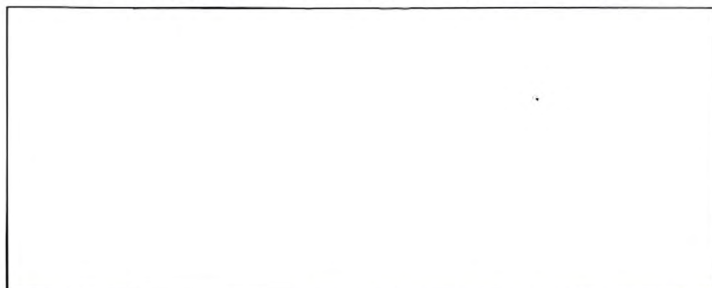
FOR THICK BED SHOWER,
ROOF DECK AND WET AREA
INSTALLATIONS

PLUMBING CODE LISTINGS

- **UPC-IAPMO:** File Number 2225
- **NES:** PCR SP 102
- **City of Los Angeles:** Research Report Number RR4398

**All Compotite products
are proudly made with
100% American
labor and materials.**

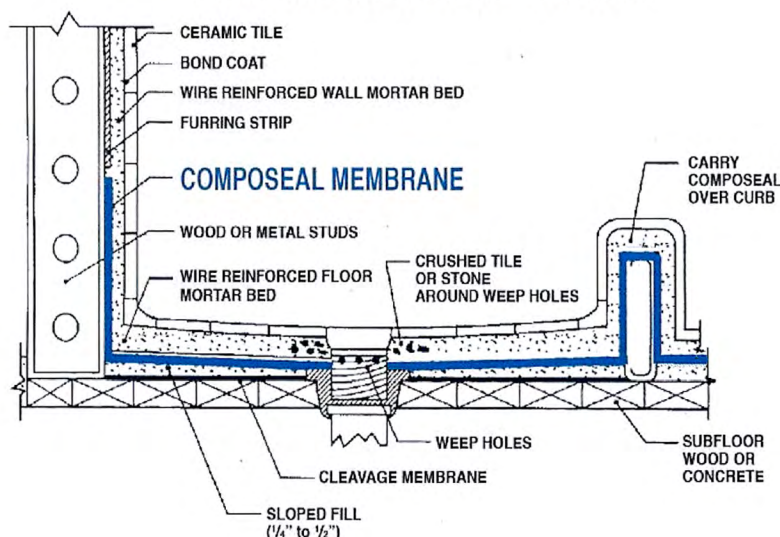
YOUR COMPOSEAL DISTRIBUTOR



Revised 9/04

Photos: Pinnacle Marketing and Images by Edi

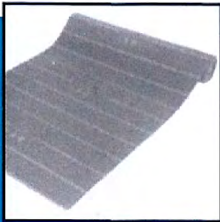
STANDARD SHOWER INSTALLATION



Composeal

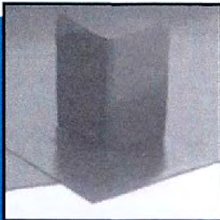
Shower Pan

INSTALLATION PRODUCTS



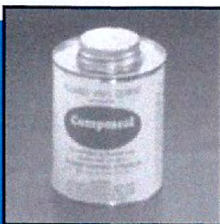
COMPOSEAL BLUE VINYL SHOWER PAN

Available in 30 or 40 mil thicknesses, Composeal Blue Vinyl is made in the USA, is compliant with all major plumbing codes and is a CTI Tested Material.



PRE-FORMED CORNERS

Pre-Formed Corners are required by Code at curb locations and outside corners. Composeal's 3-way Corner design handles all types of corner situations.



COMPOSEAL FLEXIBLE PVC CEMENT

Composeal's flexible PVC cement makes a strong chemical, waterproof weld between sheets of Composeal Blue Vinyl. For welding and seaming pan and corners.



COMPOTITE ELASTI-SEAL

A high tack fast curing sealant used to obtain a "gasket type" seal around corners, drains, fixtures, flashings, pipes and penetrations. A 100% solid silicone, mildew/mold resistant can also be used

INSTALLATION TOOLS

MEASURING, MARKING & CUTTING TOOLS

A measuring tape, chalk line, markers and utility knife will be required for laying out and cutting your installation of Composeal Blue Vinyl.



CAULKING GUN

A good quality heavy duty caulking gun will be required for application of Compositite Elasti-Seal at drain locations.



Composeal Shower Pan

COMPOSEAL BLUE VINYL SHOWER PAN has been job proven in hundreds of thousands of installations nationwide since 1979 with no reported material failures.

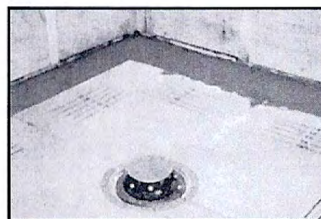
Proper installation is the key to a long lasting water-proof shower pan installation.

An installation video, technical support, specifications and Material Safety Data Sheets may be obtained from Compotite Corporation at 800-221-1056

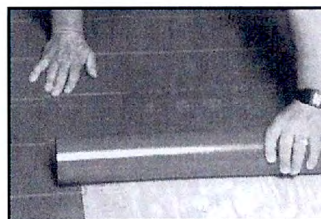
BEFORE YOU BEGIN

CHECKLIST

- ☐ **CHECK LOCAL PLUMBING CODE** to determine choice of 30 or 40 mil Composeal.
- ☐ **DRAIN** must be two-part clamping drain with weep holes.
- ☐ **SUBSTRATE** must be sloped to drain 1/4" per foot. If not sloped, see instructions for way to slope floor.
- ☐ **PRE-FORMED CURB PROTECTORS:** UPC requires these at curb corners. Composeal three-way corner/curb protectors are available at Composeal dealers.
- ☐ **COMPOSEAL FLEXIBLE PVC CEMENT:** to weld corner/curb protectors in place, and for welding seams.
- ☐ **PROVIDE BLOCKING** at base of shower walls to support and affix Composeal Shower Pan.
- ☐ **PROTECTIVE COVER.** Have available cardboard, drywall or such to cover Composeal installation.
- ☐ **HAVE SUFFICIENT COMPOSEAL ON HAND FOR JOB.** Composeal is available in 4', 5', and 6' widths. Assuming a 6" high curb, allow a minimum wall turn-up of 9" (3" above curb height) and a minimum of 16" for wrapping around the entire curb.



1 Blocking at base of studs, Slope floor towards drain 1/4" per foot



2 Lay out and cut pan to size outside of shower stall



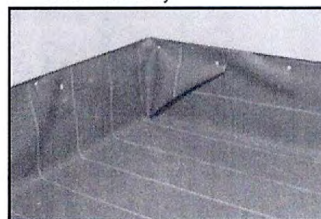
3 Weld both sides of seams with Flexible PVC Cement



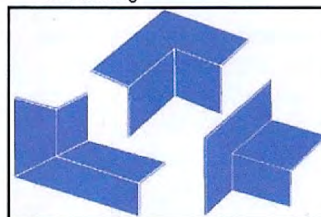
4 Roll seams after cement becomes tacky



5 Nail (or screw) pan to studs or blocking



6 Fold corners and nail or screw "dog ear" to stud



7 Pre-formed corners in three corner/curb configurations



8 Apply Flexible PVC cement to both sides of corner weld



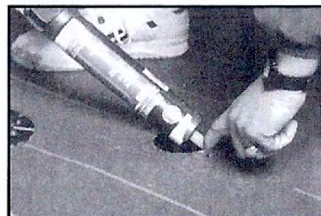
9 Weld Pre-formed corners/curb protectors in place



10 Carefully trim pan to expose drain



11 Pierce bolt holes with nail for tight fit. Do not cut!



12 Apply Elasti-Seal between pan and drain flange



13 Bolt on top half of drain, plug drain, and water test

SLOPE FLOOR

Plumbing Codes require a minimum 1/4" per foot slope to drain in all shower and roof deck installations. If such a slope is not present in the subfloor, you must provide for it with a mortar mixture of sand and cement.

Place a sheet of roofing paper or building felt over the sub-floor. Prepare a 1:3 or 1:4 portland cement/sand mixture to a dry pack consistency. Place screeds at the proper height and slope, and pack the mortar in with a float. Finish the sloped bed to the top level of the bottom drain flange. Allow the sloped mud bed to harden before placing Composeal Shower Pan.

CUT and PLACE PAN

Lay out and cut your Composeal Shower Pan outside the shower stall (**see fig. 2**). Measure the inside for each wall. Be sure to allow enough material to extend up and over entire shower curb, including the front of the curb. When necessary, seaming is easily accomplished using Composeal Flexible PVC Cement (**see fig. 3**). Lay sheets with an overlap of 2" with upper lap edge toward direction of drainage. Apply the PVC Cement to both surfaces. Place surfaces together after becoming tacky (about 2 minutes) and press or roll seam (**fig. 4**). Carry pan into shower and place against back wall.

ATTACH PAN and PRE-FORMED CORNERS

Place top edge of shower pan at least 3" above top of shower curb. Composeal may be fastened directly to wood studs using roofing nails, or to wood or metal studs using screws and washers (**see fig. 5**). Make sure no penetrations occur less than 2" above top of dam. Pan is not to be attached to the sloped bed or sub-floor. If drywall or cement backer board is to be installed over the studs, 1/4" shims should be attached to the stud faces. This will space the board out to extend straight down and over the pan. If metal lath is to be installed to provide for a mortar installation on the walls, then no

shims are needed, the paper and lath simply extend down and over the pan. Remember, no penetrations or fasteners for the pan, board or lath lower than 2" above the shower curb.

Inside corners should be folded with a "dog ear" preferably tucked behind and nailed at the top edge (**see fig. 6**).

At outside corners and corners which can not be accommodated by folding, use Composeal's Pre-Formed 3-way corner/curb protector (**see fig. 7**). This versatile accessory helps to create neat corners in difficult details. Pre-Formed Corners are a must at curb seat locations. Use seaming procedure discussed above to weld on corners/curb protectors. Corners must be applied in place (**see figs. 8&9**)

TREAT DRAIN AREA and FLOOD TEST

After pan is attached and all corners are secure, carefully locate drain hole, and trim for drain exactly to size of opening (**see fig. 10**). Do not trim out to bolt holes. Bolt holes should be pierced with a nail or punched to accommodate bolts with a tight fit (**see fig. 11**).

Lift pan to apply an even bead of Compositite Elasti-Seal under pan at bottom flange of drain (**see fig. 12**). Carefully join the two flanges and firmly bolt them together. Plug drain using a proper test plug and fill to flood level (top of curb) (**see fig. 13**). Let stand for 24 hours to determine that pan is well installed and undamaged.

PROTECT/INSTALL MUD BED

At this point, other trades may need to have access to the shower area to do their work (lathers, plasterers, or drywallers). So be sure to protect the entire pan with heavy cardboard, plywood or drywall.

Visually inspect to make sure no damage has occurred. If you have any doubt, water test again. If a puncture is located, it may be patched with a small piece of Composeal.

When ready to proceed with mud bed, place crushed stone or pea gravel around weep holes on drain flange to provide clear drainage. Then, install the mortar bed using standard dry-pack technique. Install mortar bed to maintain proper slope to drain. When mud bed is firmly set, installation of tile may begin.

Thank you for choosing Cormposeal
Shower Pan to provide positive waterproof
protection for your quality tilework.

