

COMPOSEAL GRAY 40 MIL PVC

FOR WATERPROOFING UNDER TILE/STONE INSTALLATIONS AND
PROTECTS FROM COSTLY SECONDARY WATER DAMAGE

INSTALLATION INSTRUCTIONS

1. Before placing pan, ensure the sub-floor is sloped toward drain $\frac{1}{4}$ " per foot using cement mortar if necessary, and is free of loose objects or projections such as nail heads or gravel.
2. Make turn-up along walls not less than 3" above curb line, allowing sufficient material to fasten to outside face of curb and out onto floor a few inches away from shower. If there is no curb in the shower, materials should be fastened 6" above the floor.
3. Notch wood studs to $\frac{1}{2}$ " to the height of the pan to allow Composeal to be flush with face of the studs. For metal studs, use furring strips ($\frac{1}{4}$ " to $\frac{1}{2}$ ") above the top of the pan.
4. Fasten 3" or higher above the top of curb. Use flathead roofing nails or staples on wood studs. Use drywall screws and washers on metal studs. **DO NOT** penetrate the membrane anywhere below the 3" mark to maintain waterproof integrity of the pan.
5. Fold Corners outside pan. Allow for plumb surface by turning corner folds out of the way between studs. Notch studs or use furring strips mentioned above to maintain a flush surface. **DO NOT** cut pan corners.
6. Use bolt-down clamping-ring type drain with weep-holes. Set so sub-drain lip is flush with subfloor. Trim opening for drain exactly to the size of drain opening - **NOT** out to bolt holes. Pierce membrane at the bolt holes with a nail or similar to accommodate bolts with a tight fit. Use Compotite Elastiseal Pro or a 100% mold/mildew resistant silicone to bond the pan and sub-drain.
7. Plug sub-drain and fill with water, letting it stand for 24 hours to ensure clamping ring is tight and pan is watertight and undamaged. Bolt clamping ring firmly. Place a small amount of pea gravel or other porous material at weep holes so they remain clear when setting bed is poured.

RELATED PRODUCTS FOR INSTALLATION

SEAM WELDING

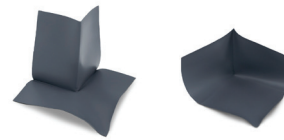
Composeal Gray sheets can be welded together to create a perfect waterproof bond with instant contact strength using **Compotite's Weld-Tite Flexible Vinyl Cement**. Use only Compotite approved PVC cement. Lay sheets with an overlap of two inches with upper lap edge toward the direction of watershed. Fold back top edge and apply Weld-Tite Flexible Vinyl Cement to both surfaces. Once the surfaces have become slightly tacky, place together and press or roll to form a tight bond. Always verify complete adhesion of the layers.



Compotite's Weld-Tite Flexible Vinyl Cement

CORNERS & CURB PROTECTORS

Composeal Gray 40 Mil PVC corners are multi-purpose, preformed corners/curb protectors that reinforce waterproofing at all corners and curbs. Use Weld-Tite Flexible Vinyl Cement to weld corners to PVC sheet.



Composeal 40 Mil PVC Corners and Curb Protectors



Compotite Elastiseal Pro

SEALANT

Compotite Elastiseal Pro is used to bond Composeal Gray 40 mil PVC to the sub-drain assembly. **DO NOT use Elastiseal Pro to weld PVC sheets together.**

SPECIFICATIONS & CODES:

Composeal Gray 40 Mil PVC complies with the standards of ICC-ES for the USA and Canada (report PMG-1459) and and NES (PCR SP 102). Composeal Gray has separate municipal approval where required, City of Los Angeles (RR#4398), City of Philadelphia (40 mil), Metropolitan Dade County, Florida and The Commonwealth of Massachusetts. Approval is no longer required in New York City for concealed PVC waterproof membrane.

Composeal Gray 40 Mil PVC also complies with the Corps of Engineers specs for PVC shower pan material (para 5.8.3.2 15 p1-18) and meets the requirements of FHA Publication 4900.1.

Composeal Gray 40 Mil PVC meets and surpasses the engineering requirements of the American Society for Testing and Materials (ASTM). ASTM D4551 is the test standard established for PVC membranes used for Shower Pans.

LIMITATIONS:

Composeal Gray should not be used as a liner for pools containing fish or water plants

TECHNICAL SUPPORT:

The TCNA (Tile Council of North America) Handbook for Ceramic, Glass and Stone Tile Installation provides general instructions and guidelines for installations requiring waterproof membranes. Compotite Corporation provides technical support for installers of Composeal products. Composeal Gray 40 Mil PVC and its accessory products are available through quality ceramic tile distributors and plumbing supply houses. Refer to our website at www.compotite.com or call our main office at 800-221-1056 for additional technical literature and installation materials.