



LynCar Vinyl Shower Pan Liner

LynCar Vinyl Shower Pan Liner is installed after the carpenters have finished the rough shower stall and dam. To provide support for the shower pan material, blocking of 2" x 10" must be placed between the lower end of the studs, forming the shower stall. The outer face of the blocking must be flush with the studs. **LynCar Vinyl Shower Pan Liner** works with a clamping flange-type drain made of either cast iron or plastic. The lower flange of the drain must be braced or resting on firm material to prevent any upward or downward movement.

1. Sloping Shower Stall Subfloor

To prevent puddling of moisture and to provide a smooth base for the shower pan material, a shower stall subfloor must be installed with a slope toward the drain of a 1/4" fall per foot. **Figure 1.** Construct the sloped subfloor using a mortar mixture of 1 part portland cement to 4 parts sand. Staple a layer of 15 lb. roofing felt to the subfloor of the shower stall. Cover the felt with the mortar mixture and trowel toward the drain. Be sure the drain is placed so that the top half edge of the drain flange is level with the top of the sloped subfloor **Figure 2.** Allow the sloped subfloor to dry before proceeding with the installation of the shower pan liner. Be sure the sloped subfloor is dry and free of any debris such as nails, staples, etc. **LynCar Vinyl Shower Pan Liner** can be applied directly to the sloped subfloor surface.

2. Lining the Stall with the Vinyl Shower Pan Liner

Remove the top half of the shower drain. To insure a waterproof seal between the lower drain flange and the pan material, apply a small ring of Butyl Rubber Caulking on top of the lower drain flange. The ring of caulking must be on the outer perimeter of the drain bolt holes. **Figure 3.** Do not plug the bolt holes or weep holes with caulk. **IMPORTANT - Do not use roofing mastic as a sealer around the drain.** Measure the width and length of the stall area allowing 10 inches for each wall and about 16 inches for the dam. The dam must be covered by the liner on the inside face, top and outside face. After determining the amount of material needed, use a soft crayon or felt tip marker to draw a layout of the pan on the material. **Figure 4.** Cut the material with a utility knife and straight edge. Fold the pan material along the layout lines and place it in the shower stall. After the material is positioned in the stall, it can be either stapled or tacked into place. Never staple lower than three inches above the level of the dam. Place the first staple in the pan material to the backing board beginning in the middle of the back of the stall. Proceed to staple the material to the backing board at 2" intervals, working towards either corner of the stall.

NOTE: Where metal stubs are used and no back-up material is provided, see Gang Shower Installation Instructions.