

## Bath Tub & Shower Pan Installation Instructions

### *1) Strainer Installation*

- a) Avoid damage to apron surface. Place tub on side for strainer installation.
- b) Excessive tightening of lock ring will cause stress and cracking.
- c) Remove excess caulk from around top of strainer. **NEVER** use a sharp object. This will damage the drain area.
- d) **DO NOT** connect P-trap causing any cocking or backpressure that pushes the drain upward. P-trap must be fully suspended.
- e) Construct alcove with proper dimensions and placement of access hole for P-trap.

### *2) Tub/Shower Pan Installation*

- a) Construct alcove walls insuring all walls are plumb, straight and square before installation of tub/pan.
- b) Floor/pedestal must be flat, level, solid, and at least as large as the base of the Tub/Pan.
- c) Remove debris from floor/pedestal before installing tub/pan.
- d) Set tub/pan in place. Insure bottom of foam and/or formed support is set securely on the floor or pedestal and is fully supported. Pedestal should be secured to the floor.
  - i) If a seat or step tub/pan is used, additional support needs to be added under the seat or step area. Thin supports will bow and cause excessive stresses and damages to tub/pan. Supports should be as strong as original floor.
  - ii) Foam support supplied with tub/pan, MUST NEVER BE REMOVED OR ALTERED in any way. The end result is an unsupported tub area that will crack.
  - iii) If tub/pan has full apron, apron should be securely attached to the floor or pedestal.
  - iv) If tub/pan has a short apron, front apron support will be required. Build front apron support to proper size, so tub/pan continues to sit firmly on the floor.
- e) Protect tub/pan surface from scratches and minimize clean up. Remove all nails, staples and screws from tub/pan, and then cover tub/pan.

### *3) Securing Tub/Pan to Wall*

- a) All tub/pan products should be installed in their “natural state”, without stress points. A tub removed from the box, setting on the floor is in its “natural state”.
- b) For the optimum method, **SCREWS** should be used as follows:
  - i) Tub/Pan flange should have a pre-drilled, oversized hole 1/8” larger than screw being used and centered in the tub/pan flange. This will allow for the expansion and contraction of our products and the characteristic movement of the vehicle.
  - ii) Insert screws horizontally, **DO NOT ANGLE SCREW**. **DO NOT BURY** screw in flange. **TIGHTEN** screw until **SNUG ONLY**. Over tightening can and will cause product failure.
  - iii) DO NOT PUT screws directly in the corners of tub/pan.
  - iv) Pan head screw should be used. DO NOT USE tapered or countersink screws.

- v) **DO NOT USE** staples to secure tub/pan to alcove walls.
- vi) Two to three screws per flange only. Tub/pan **should not be secured** until ALL walls are in place, plumb, and secured.
- c) Using Molding lock system.
  - i) Decorative molding may be used as long as it goes over the tub/pan flange and holds flange securely to alcove walls.

#### 4) *Final Assembly and Cleaning*

- a) Connect drain to tub/pan strainer after tub/pan installation has been completed. P-trap should connect to strainer or tailpiece without requiring force or applying pressure to drain line.
- b) Cleaning tub/pan surface after installation.
  - i) Simply use mild soap and water solution to clean tub/pan surface.
  - ii) **DO NOT USE** harsh chemicals, abrasives or citrus-based cleaners. Citrus-based cleaners contain the chemical **D-LIMONENE**, which attacks ABS plastic products. Check cleaning products for ABS plastic compatibility.
  - iii) Recommended cleaners are as follows;
    - (1) Fantastic Spray Cleaner (5% solution)
    - (2) Top Job Detergent (3% solution)
    - (3) Joy liquid Detergent (5% solution)
    - (4) Mineral Spirits
    - (5) Gel Gloss
    - (6) **DO NOT USE** gas, chlorine, acetone, kerosene, formula 409, etc.
  - iv) Inspect tub/pan surface. Repair all scratches immediately. Soft polishing compound will remove most scratches.
  - v) Seal tub/pan for water tightness.
    - (1) Color matched, ABS compatible, silicone based, sealer
    - (2) Color matched, ABS compatible, caulk sealer