

Tile-Basin®



(Patented)

Item Name:
Tile-Basin®

Manufacturer:
KBRS, Inc.
8406 Speedway Blvd.
Hardeeville, SC 29927
(866) 912 - 3211
www.KBRSinc.com

Product Description:

The Tile-Basin® is a tileable wet area substrate that provides the required positive floor drainage in a tile shower assembly that will be utilizing a clamping-collar type shower drain. The Tile-Basin® has a unique drain connection design that can be specified to work with either a large commercial or standard residential shower drain. The Tile-Basin® is factory waterproofed and equipped with a perimeter flange/curb combination of your choice. The Tile-Basin® is lightweight, yet will provide the superior strength and durability necessary for a successful tile shower installation. The Tile-Basin® is easily installed using modified thin-set mortar. **The Tile-Basin® is available in 27 standard sizes and unlimited custom sizes up to 14,000 square inches with your choice of drain connection location.**

Uses:

- Interior or Exterior
- Commercial and Residential

Suitable Tile Types:

- Vitreous, Semi-vitreous or Non-vitreous Tiles, Quarry, Cement Body Tile
- Impervious Porcelain
- Gauged or Ungauged Natural Stone Tile
- Pebbled Tile
- No Minimum Tile Size

Available Drain Connections:

- Clamping-Collar Type
- Commercial or Residential
- **Custom Connections Upon Request**

Suitable Substrates:

Any substrate that you would normally build a tile shower on that is level; concrete, approved plywood surface, etc. Deflection of substrate not to exceed 1/360th of the span 1/2 inch (12 mm) in 15 feet (4.6 m) in accordance with ANSI A108.01-2.3. Allow for live and impact load as well as dead load weight of pan, tile and setting beds.

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Composition of Product:

UL® Certified expanded polystyrene (Type XV-EPS 60) geofoam core sandwiched between two composite epoxy materials (CEM). Epoxy welded fiber reinforced polymer (FRP) perimeter flange and/or curb. A Tile-Basin® is encapsulated in an ANSI 118.10 compliant waterproofing membrane.

Benefits of Product in the Installation:

The Tile-Basin® is a one piece factory sloped component of a shower system that eliminates the chances of water ponding on the tile assembly. The Tile-Basin® has a perimeter water barrier that establishes additional protection against water leaving the basin area. The Tile-Basin® is factory waterproofed. No additional waterproofing is required. The Tile-Basin® is lightweight yet durable enough to resist damage caused by normal construction activity. The Tile-Basin® is quick and easy to install using standard modified thin-set. The Tile-Basin® substantially reduces the time and skill level required to build a code compliant tile shower pan. The non-porous epoxy skins provide a durable layer of protection for the waterproofing membrane and tile assembly. The Tile-Basin® is dimensionally stable and isolates the tile from differential movement stresses within the sub-floor.

Accessories:

- HardCurb® (Optional Upgrade)
- ShowerNiche™
- ShowerSeat™

Technical Data (Technical Properties Chart):

The Tile-Basin® is manufactured under strict ICC-ES quality-control conditions. The core material of the Tile-Basin® is UL® Certified EPS (expanded polystyrene) geofoam (Type XV-EPS 60). The geofoam core is sandwiched between layers of epoxy infused E-Glass and fiberglass mesh. The E-Glass provides strength, and the mesh provides an increase in the bonding surface-area and bond coat stabilization. The perimeter flange is a rigid 1/8" FRP composite that is epoxy welded. The Tile-Basin® is sloped to drain at a 2% pitch (1/4" per foot). The average compression strength is 118 psi per ASTM D1621. The Tile-Basin® is available in both standard and custom shapes and sizes upon request.

Instructions (Application of Product):

Dry fit Tile-Basin® to ensure proper size and drain alignment. Using a 3/4" U-notched trowel, apply an approved thin-set to substrate as if laying a tile. Apply a generous bead of ShowerSeal® Polyurethane Sealant around the outside perimeter of the shower drain flange. Lay Tile-Basin® in place and stand on it to ensure proper bond beneath. Reattach the tile drain's clamping-collar and tighten bolts.

Availability:

KBRS materials are available in both USA and Canada.

For Distribution Information, Call:

Toll Free: (866) 912 - 3211

Telephone: (912) 352 - 0442

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Available Tile-Basin® Sizes:

ITEM CODE	ITEM DESCRIPTION
Custom Sizes	Custom Shapes, Sizes, and Drain Types Available Upon Request
STANDARD SIZES	
TB-3054-C	TB - 30" X 54" - With Center Drain (T1 Drain Type)
TB-3054-L	TB - 30" X 54" - With Left Drain (T1 Drain Type)
TB-3054-R	TB - 30" X 54" - With Right Drain (T1 Drain Type)
TB-3060-C	TB - 30" X 60" - With Center Drain (T1 Drain Type)
TB-3060-L	TB - 30" X 60" - With Left Drain (T1 Drain Type)
TB-3060-R	TB - 30" X 60" - With Right Drain (T1 Drain Type)
TB-3232-C	TB - 32" X 32" - With Center Drain (T1 Drain Type)
TB-3248-C	TB - 32" X 48" - With Center Drain (T1 Drain Type)
TB-3260-C	TB - 32" X 60" - With Center Drain (T1 Drain Type)
TB-3260-L	TB - 32" X 60" - With Left Drain (T1 Drain Type)
TB-3260-R	TB - 32" X 60" - With Right Drain (T1 Drain Type)
TB-3448-C	TB - 34" X 48" - With Center Drain (T1 Drain Type)
TB-3460-C	TB - 34" X 60" - With Center Drain (T1 Drain Type)
TB-3460-L	TB - 34" X 60" - With Left Drain (T1 Drain Type)
TB-3460-R	TB - 34" X 60" - With Right Drain (T1 Drain Type)
TB-3636-C	TB - 36" X 36" - With Center Drain (T1 Drain Type)
TB-3636-N	TB - 46" X 36" - With Neo Angle (T1 Drain Type)
TB-3642-C	TB - 36" X 42" - With Center Drain (T1 Drain Type)
TB-3648-C	TB - 36" X 48" - With Center Drain (T1 Drain Type)
TB-3660-C	TB - 36" X 60" - With Center Drain (T1 Drain Type)
TB-3660-L	TB - 36" X 60" - With Left Drain (T1 Drain Type)
TB-3660-R	TB - 36" X 60" - With Right Drain (T1 Drain Type)
TB-4242-C	TB - 42" X 42" - With Center Drain (T1 Drain Type)
TB-4242-N	TB - 42" X 42" - With Neo Angle (T1 Drain Type)
TB-4248-C	TB - 42" X 48" - With Center Drain (T1 Drain Type)
TB-4848-C	TB - 48" X 48" - With Center Drain (T1 Drain Type)
TB-4848-N	TB - 48" X 48" - With Neo Angle (T1 Drain Type)

Product Warranty:

A Tile-Basin® comes with a limited 10 year standard product warranty being free from manufacturer's defect only. Additional Warranties are available through a system approach and application.

Health & Safety Precautions:

A Tile-Basin® is manufactured with chemicals used in the construction industry and care should be exercised when handling. For further safety information visit www.kbrsinc.com.