

# Wedge™



**Item Name:**  
Wedge™



**Manufacturer:**  
KBRs, Inc.  
8406 Speedway Blvd.  
Hardeeville, SC 29927  
(866) 912 - 3211  
[www.KBRsinc.com](http://www.KBRsinc.com)

## Product Description:

The Wedge™ is a tileable wet area substrate that provides the required positive floor drainage in a tile shower assembly that will be utilizing a linear style shower drain. The Wedge™ is a rock-solid alternative to a field-sloped mortar bed. Once installed, the Wedge™ can be waterproofed using either a liquid-applied or bonded sheet-applied positive side membrane. The Wedge™ is lightweight, yet will provide the superior strength and durability necessary for a successful tile shower installation. The Wedge™ is easily installed using modified thin-set mortar. **The Wedge™ is available in 2 standard sizes and unlimited custom sizes up to 9500 square inches.**

## 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
- No Minimum Tile Size

## Suitable Waterproofing:

- Liquid Applied Waterproofing
- Bonded Sheet Applied Waterproofing

## 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.

# Wedge™



## Composition of Product:

UL® Certified expanded polystyrene (Type XV-EPS 60) geofoam core sandwiched between two composite epoxy materials (CEM).

## Benefits of Product in the Installation:

The Wedge™ is a one piece factory sloped component of a shower system that eliminates the chances of water ponding on the tile assembly. The Wedge™ can be cut-to-fit in the field if required. The Wedge™ is lightweight yet durable enough to resist damage caused by normal construction activity. The Wedge™ is quick and easy to install using standard modified thin-set. The Wedge™ 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. A Wedge™ is dimensionally stable and isolates the tile from differential movement stresses within the sub-floor.

## Accessories:

- HardCurb®
- ShowerNiche™
- ShowerSeat™
- ShowerSeal® Waterproofing System

## Technical Data (Technical Properties Chart):

The Wedge™ is manufactured under strict ICC-ES quality-control conditions. The core material of the Wedge™ 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 Wedge™ is sloped to drain at a 2% pitch (1/4" per foot) and has a **1/4" leading edge**. The average compression strength is 118 psi per ASTM D1621. The Wedge™ is available in both standard and custom shapes and sizes upon request.

## Instructions (Application of Product):

Dry fit Wedge™ to ensure proper size and drain alignment (cut-to-fit, if required). Using a 1/2" (minimum) U-notched trowel, apply an approved thin-set to substrate as if laying a tile. Lay Wedge™ in place and stand on it to ensure proper bond beneath. Apply approved polyurethane sealant to all gaps and joints. Apply waterproofing as required. Install linear shower drain as required.

## Availability:

KBRS materials are available in both USA and Canada.

For Distribution Information, Call:

Toll Free: (866) 912 - 3211

Telephone: (912) 352 - 0442

# Wedge™



## Available Trench-Slope™ Sizes:

ITEM CODE	ITEM DESCRIPTION
W-3660-36R	36" x 60" Wedge™ with 36" Run (1/4" Leading Edge)
W-3660-60R	36" x 60" Wedge™ with 60" Run (1/4" Leading Edge)
ITEM CODE	ITEM DESCRIPTION
Custom Sizes	Custom Sizes Available

## Product Warranty:

A Wedge™ comes with a limited 10 year standard product warranty being free from manufacturers defect only. Additional Warranties are available through a system approach and application.

## Health & Safety Precautions:

A Wedge™ is manufactured with chemicals used in the construction industry and care should be exercised when handling. For further safety information visit [www.kbrsinc.com](http://www.kbrsinc.com).