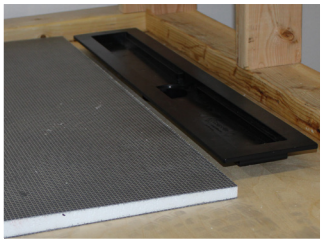


INSTALLING THE KBRS LINEAR DRAIN

Linear drains are most commonly placed against the end or side wall or shower threshold; however they can be placed anywhere as long as there is a 1/4" per square foot slope to the drain. *(Check with your local plumbing industry standards when attaching linear drain to existing plumbing)*



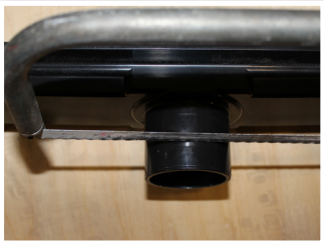
Clean drain area and check drain hole. Existing drain pipe should be 1/2" below the subfloor.



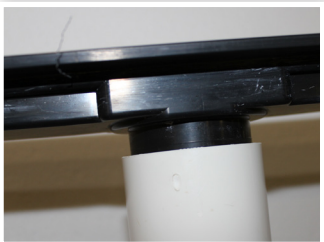
Dry fit the linear drain to ensure proper height and make sure the Wedge™ or ShowerSlope™ sits flush with the subfloor.



If the drain pipe protrudes above the subfloor continue to step 4. If the drain pipe does not protrude, continue to step 5.



Adjust the linear drain as needed by removing part of the drain base to fit the proper height needed for the installation.



Use ABS to PVC transition cement or an approved ABS to PVC glue to glue 2" PVC coupling, or 2" rubber coupling with clamping rings to attach the linear drain to the drain hole.

OPTIONAL CURB ATTACHMENTS

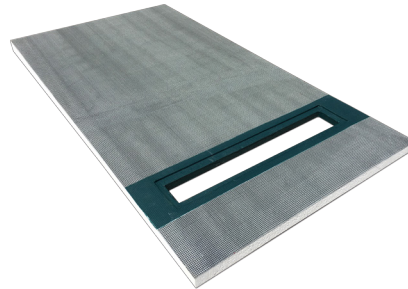
Using the KBRS, Inc. **Linear ShowerSlope™** has many great advantages; such as being able to cut to fit (up to 3") in the field or easily attaching a **HardCurb®** at the time of installation (curb attachments can be purchased separately).



The **HardCurb®** is one of our most innovative products. Its **PVCORE™** "cap" provides an "anchoring layer" for the mechanical anchors required when installing the mounting hardware

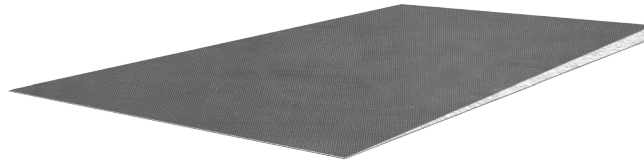
for glass shower enclosures. It is an ideal alternative to traditional shower curbs built from wood, that are notorious for absorbing moisture.

LINEAR SHOWERSLOPE™



The KBRS **Linear ShowerSlope™** comes with a 1-1/4" leading edge that is manufactured with a linear drain slot, making it ideal when installing linear drains. The **Linear ShowerSlope™** will need to be waterproofed after installation.

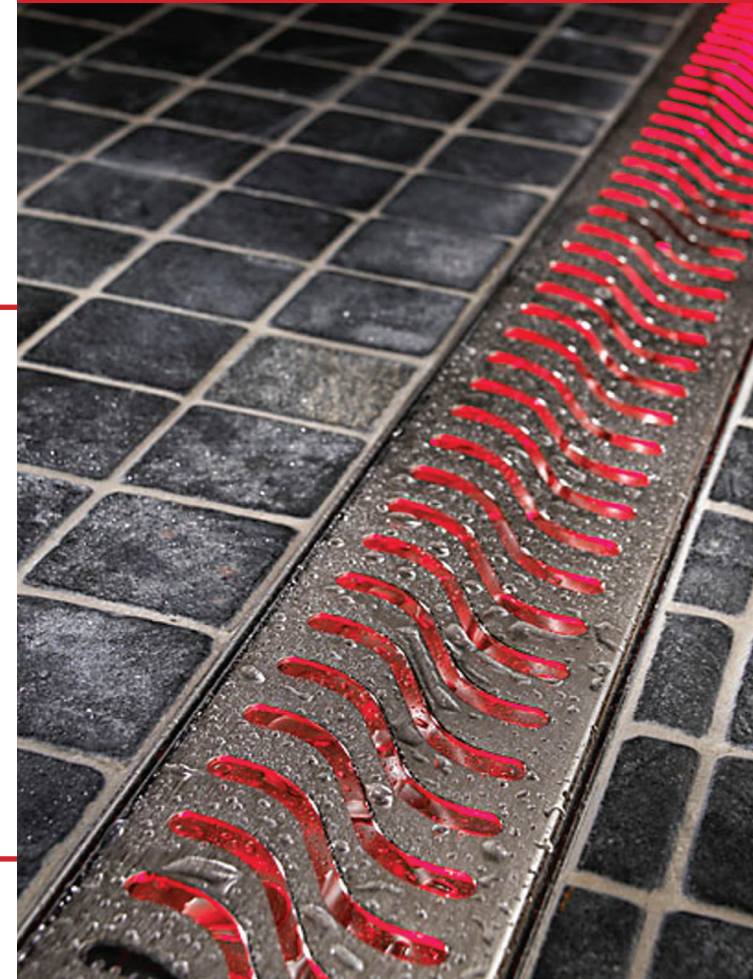
WEDGE™



The **Wedge™** is designed to gravity-flow water toward a linear drain in a barrier-free shower application. The **Wedge™** has a "drain plate" extended from its leading edge (lowest point), thus incorporating the linear drain into the **Wedge™** for maximum leak protection and durability.



SHOWERSLOPE™ LINEAR INSTALLATION



8406 Speedway Blvd.
Hardeeville, SC 29927
www.KBRSinc.com

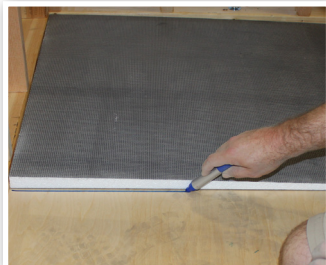
Customer Service: 866.912.3211
Monday - Friday: 9AM EST to 6PM EST



Do NOT Use “Pre-Mixed” Thin-Set Premixed Thin-Set Does Not Cure Well in an Enclosed Shower Area



Confirm that your subfloor is sound, level & free of any excess dust or debris. Use on a code approved suitable sub-floor for a tile shower. Confirm that tile shower drain is properly installed.



DRY FIT the **Linear Shower Pan** to ensure drain alignment and proper fit. If needed, cut slope to fit shower stall. Use a pencil to mark the subfloor to define the thin-set area to be troweled.



Apply latex modified thin-set mortar to the subfloor using a 3/4" V-Notched or U-Notched Trowel.



Lower the **Linear Shower Pan** into place over the recently troweled thin-set.



Ensure that the **Linear Shower Pan** is evenly embedded in the mortar (i.e. – “walk around” on the installed Linear Shower Pan). **Make sure to check the level at the drain area - drain recess should be level.**



Apply a bead of **ShowerSeal**® Polyurethane Sealant¹ around outside perimeter area of the linear drain (for a Linear Wedge™ embed the drain into thin-set and apply poly¹ & fabric² to the drain seams).



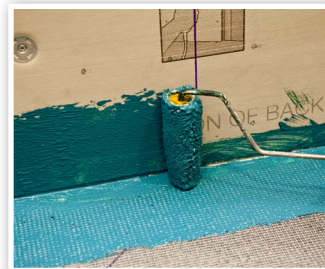
Apply a bead of **Show-erSeal**® Polyurethane Sealant¹ to the outer perimeter of the Linear Shower Pan drain box. Use **ShowerSeal**® Gauging Fabric² with liquid waterproofing membranes for drain gaps.



Apply **ShowerSeal**® Liquid Liner around the drain, add a strip of Gauging Fabric around the drain edges embedding it in **ShowerSeal**® Liquid Liner “sandwiching” the Gauging Tape in waterproofing.



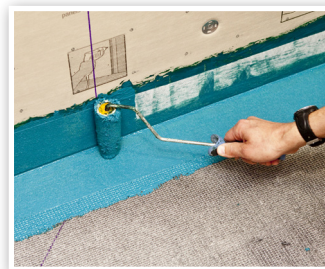
Apply a bead of **ShowerSeal**® Polyurethane Sealant¹ to the outer perimeter of the **Linear Shower Pan**, then place the backer board on top of the bead. Secure the backer board to studs per the manufacturer’s instructions.



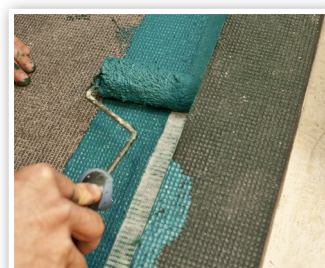
Apply a coat of **ShowerSeal**® Liquid Liner³ with a roller over all shower enclosure seams.



Apply **ShowerSeal**® Gauging Fabric² over the recently applied **ShowerSeal**® Liquid Liner³.



Apply a second coat of **ShowerSeal**® Liquid Liner³ over the recently applied gauging fabric “sandwiching” the fabric between the first and second applied layers of **ShowerSeal**® Liquid Liner³.



Continue to apply **ShowerSeal**® Liquid Liner³ to all seams of any additional components, sandwiching the **ShowerSeal**® Gauging Fabric² and reinforcing all seams.



Once your waterproofing is dry, you are free to add thin-set and decorative surfacing of your choice.

WATERPROOFING INSTALLATION:

(Steps 10 - 14) There are a number of liquid and sheet waterproofing solutions that KBRS products can be used with; however we highly recommend using our **ShowerSeal**® product line to ensure a completely leak-free shower system.

equivalent 100% silicone sealant or polyurethane 1
equivalent reinforcing gauging fabric 2
equivalent liquid/sheet waterproofing membrane 3