

# Installation Instructions: K-Redi-Liner® Modular Lining System

<b>Kinder Australia Product:</b>	K-Redi-Liner® Modular Lining System
<b>Product Category:</b>	Anti-Wear
<b>Issue Date:</b>	01/03/2013
<b>Revision:</b>	1

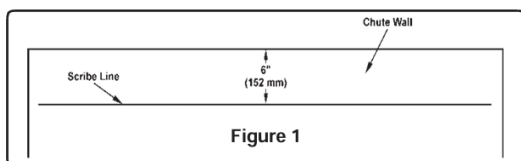
## Overview:

K-Redi-Liner modular Lining System is a bolt in system that can be arranged into any wear pattern. The application is suitable for conveyor transfer points, high wear chutes, charge chutes, screen discharge and feed liners. For extreme applications alumina ceramic embedded series is best suited. Therefore this practical lining system can be arranged combining the ceramic modules for the main wear area and solid polyurethane for the surrounding area.

3. Now drill holes for the K-Redi-Liner stud at each of your marked locations. Drill a  $\frac{5}{8}$ " (16 mm) hole for the  $\frac{1}{2}$ " stud or a  $\frac{7}{8}$ " (22.5 mm) hole for the  $\frac{3}{4}$ " stud. Figure 3 Apply a small amount of Loctite (optional) to the supplied "all-thread" and thread by hand into the embedded nut located in the centre of the back side of the Redi-Liner panel (figure 3).

## Procedure:

1. Measure down from the top of the chute 6" (152 mm) and mark on each end of the chute. Then scribe a line connecting your marks across the entire width of the chute (figure 1).



2. Measure the width of the chute to find the centre and mark its location on the scribed line you just made. This will be your first bolt hole location. Working to the sides, mark the remainder of the hole locations every 12" (305mm) (figure 2).

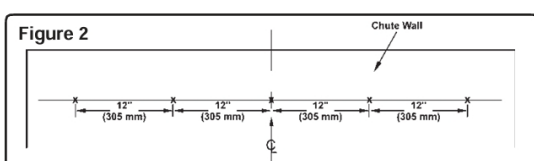
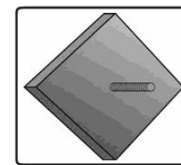
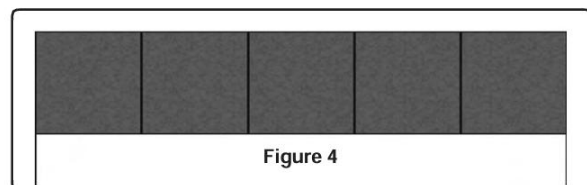


Figure 3

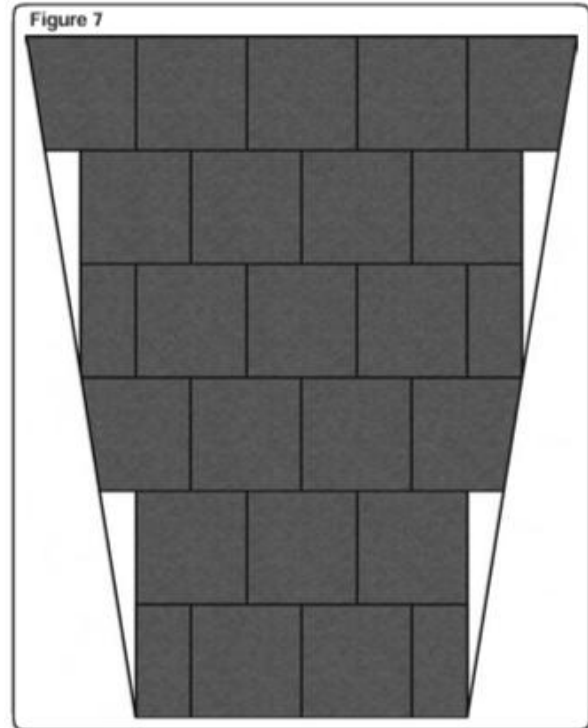
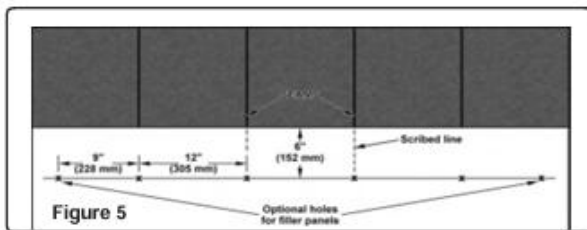


4. Insert the stud on the back of the K-Redi-Liner into the centre hole of the chute. Apply a bead of Bostik 1100 sealant to each side of the K-Redi-Liner panel (optional) and repeat until all of the panels are in place. Use a lock washer and nut (not supplied) to secure the panels to the chute (figure 4). Remember to apply a small amount of Loctite to the nut (optional). Please refer to the torque chart on page 2 for proper tightening specs.



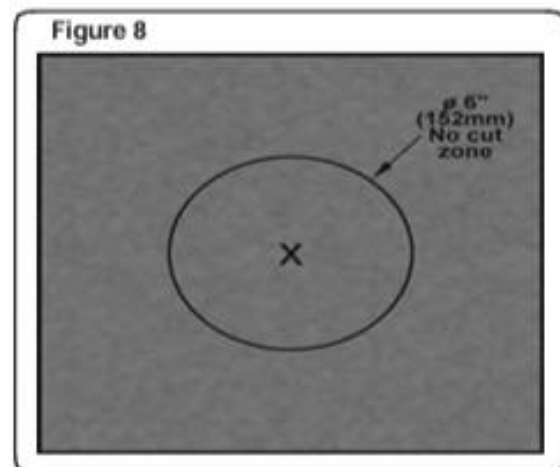
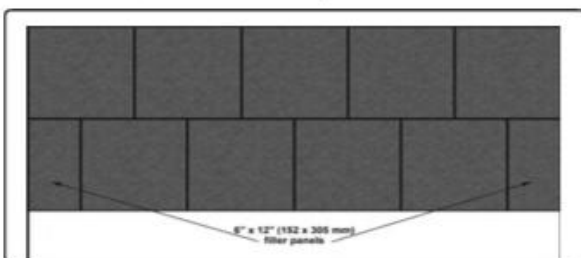
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5. Using the bottom of the first course of panels as a guide, measure down 6" (152 mm) and mark on each end of the chute. Then scribe a horizontal line connecting your marks across the entire width of the chute. Using a square, scribe a straight line down from the left or right seam of the centre panel from the first course until it intersects with the horizontal line. Then working to the sides, mark the remainder of the hole locations every 12" (305 mm). If you will be using 6" x 12" (152 x 305 mm) filler panels, measure 9" (228 mm) out from last 12" x 12" (305 x 305 mm) panel hole and mark its location (figure 5).



6. Add a bead of Bostik 1100 sealant to the bottom of the above course of panels and then repeat steps 3 through 6 until the chute is completely lined (figure 6). You can cut the plain K-Redi-Liner panels to fit a tapered chute (figure 7). Please keep in mind that there is a no-cut zone on the panel that is 6" (152 mm) in diameter around the stud (figure 8).

Figure 6 - Chute with 6" x 12" (152 x 305 mm) filler panels installed.



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**CERAMIC EMBEDDED**

Available in:  
 2" and 2 1/2"



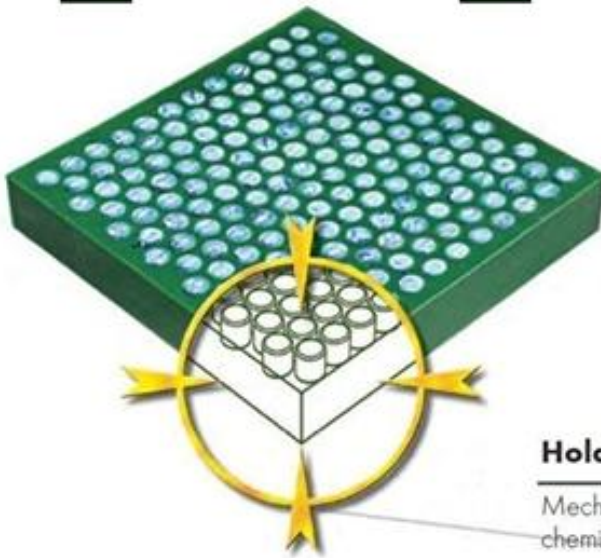
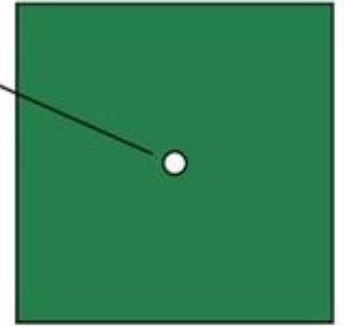
**SOLID URETHANE**

Available in:  
 1", 1 1/2",  
 2" and 2 1/2"



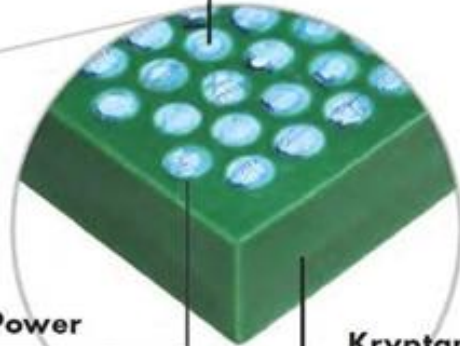
**Ease of Installation**

Requires only one bolt per square foot



**Impact Resistant**

High alumina  
 oxide ceramics



**Holding Power**

Mechanically and  
 chemically bonded

**Kryptane®**

Durable, wear-resistant  
 polyurethane

