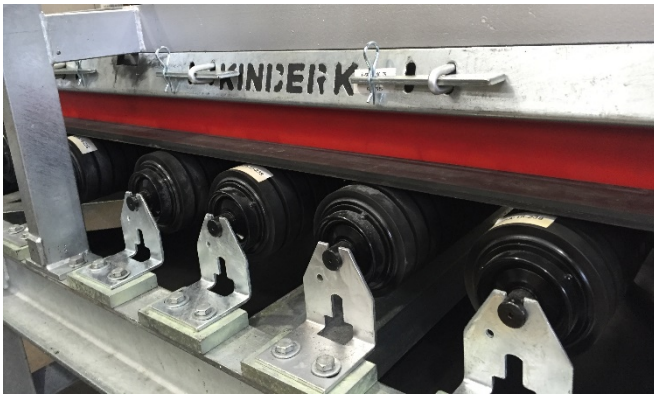# Installation Instructions: K-Lock® Wedge Skirting Clamp

Kinder Australia product:	K-Lock® Wedge Skirting Clamp Assembly
Product category:	Conveyor Skirting and Sealing
Issue date:	18.07.18
Revision:	3

Overview:

The function of the K-Lock® Wedge Skirting Clamp is used to retain and easily adjust the skirting seal. The skirting seal is clamped between the chute wall and K-Lock® Wedge Skirting Clamp locking plate. The assembly does not have to be completely disassembled to make adjustments. Short slots in the skirt plate are for the K-Lock® Mounts and long slots are for inspection of how much skirting medium remains.
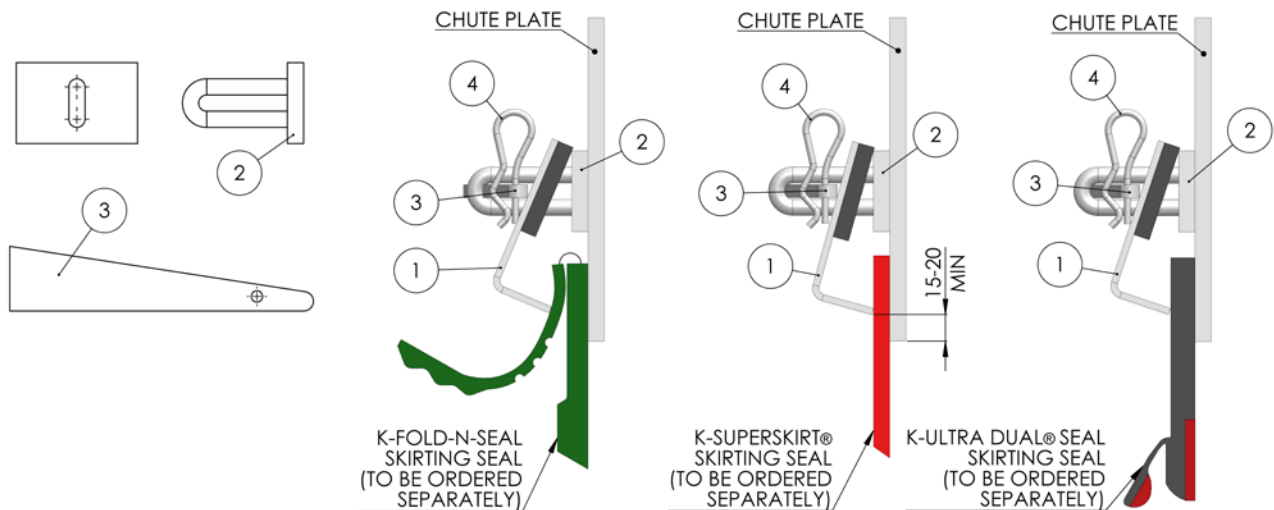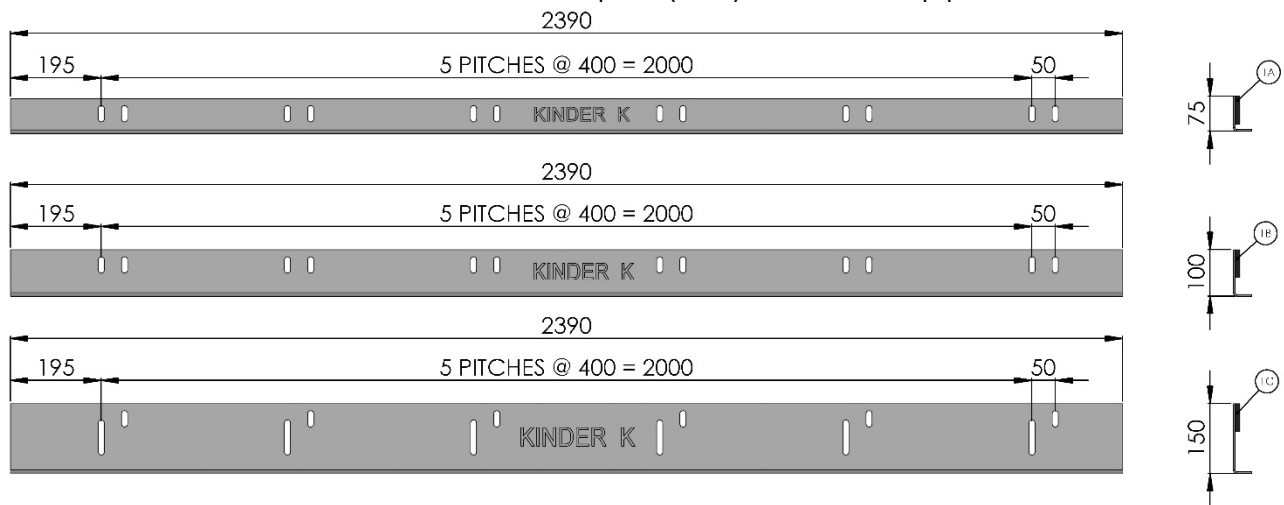

Procedure:

1. **Notes before starting:**
    a. The skirt retaining plate can be cut to suit the required skirting length provided that it is trimmed to include adequate mounts (2 min).
    b. For access holes to K-Containment Seal adjustment bolts (where installed on the inside of the chute), ensure K-Conlock® Skirting Clamp is supplied. (Only suitable for 60" long K-Containment Seal sizes and 100mm high skirting).
2. Run the conveyor until all the material is removed.
3. Isolate, lock and danger tag the conveyor at the main positive isolator in accordance with the appropriate health and safety regulations in force at your site to prevent unauthorized starting.
4. Check the structure for where the K-Lock® Wedge Skirting Clamp is to be installed and remove structure if necessary and safe to do so. For best product results, a continuous skirt plate is recommended where possible.

5. Mark the location where the lock mounts (item 2) are to be welded onto the chute wall. For the location height of the lock mounts, set up the bent section of the clamp plate (item 1) to be at least 15-20mm from the lowest part of the chute wall to maintain adequate skirting clamp pressure.

6. Weld on lock mounts should be set at 400mm pitch (6 off) for each clamp plate.

7. Fit the skirting seal in place. A skirting seal height up to the underside of the lock mounts can be installed as a maximum. Then place the clamp plate over the skirting seal lining the short slots up with the lock mounts. Place the wedges through the lock mounts and hammer into position to provide a secure clamp. Place the R clip in the wedge to ensure it does not come free from the assembly.

8. Test run the conveyor. Check for smooth running of the skirting material on the belt top cover.

9. Inspection should be included in the normal inspection schedule. The skirting seals may stretch over time. If this occurs simply cut the excess length that hangs past the head end of the assembly. For reversing conveyors, the skirting seals may become "bunched up" or warped due to stretch in both directions, but also being fixed at each end. This may allow gaps in the seal. When necessary, remove the pressure off the K-Lock® Wedge Skirting Clamp (no need to remove pins) so the warping of the seal no longer exists. Then remove the excess length. This same method of removing the pressure off the clamp plate can be used to adjust the skirting seal to the belt due to wear.

| Replacement components and quantities |

TYPE	ASSY. DWG. No.	ASSY. PART No.	ITEM	PART No.	DESCRIPTION	QTY.
75	1020 R3	K-SKI-KLOC75ASSY	1A	K-SKI-KLOC75	LOCKING PLATE	1
			2	K-SKI-961001A-L	LOCK MOUNT	6
			3	K-SKI-961001B	LOCK WEDGE	6
			4	K-SKI-RCLIP	RETAINING CLIP	6
100	1027 R3	K-SKI-KLOC100ASSY	1B	K-SKI-KLOC100	LOCKING PLATE	1
			2	K-SKI-961001A-L	LOCK MOUNT	6
			3	K-SKI-961001B	LOCK WEDGE	6
			4	K-SKI-RCLIP	RETAINING CLIP	6
150	1028 R3	K-SKI-KLOC150ASSY	1C	K-SKI-KLOC150	LOCKING PLATE	1
			2	K-SKI-961001A-L	LOCK MOUNT	6
			3	K-SKI-961001B	LOCK WEDGE	6
			4	K-SKI-RCLIP	RETAINING CLIP	6