

Case Study – K-Snap-Loc[®] Dust Seal System

Kinder Australia Product:	<u>K-Snap-Loc[®] Dust Seal System</u>
Product Category:	Conveyor Skirting & Transfer
Location:	Bunbury, Western Australia
Conveyed Materials:	Wood chip
Installation Date:	April 2012
Installation Review Date:	February 2020

Previous Problem:



Our customer provides processing and exporting services to the plantation timber industry. The company has designed and operates a state-of-the-art wood processing and export facility at the Port of Bunbury. All the company's timber is processed at the facility in preparation for export to the company's international markets.



During the shipping loading process, it is paramount that the functionality of the conveyor performs reliably. Any conveyor breakdowns or emergency maintenance that might occur during the allocated loading time, would cause a delay or detention of a ship during this timeslot. This would then potentially create significant additional expenses.

Grooves were beginning to form on the belt itself, where a rubber skirting product was being used. The customer's objective in this situation was simple - to protect the belt from any further signs of wear damage.



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Resolution:



The customer has now installed the **K-Snap-Loc[®] Dust Deal System**. The superior low friction properties of the engineered polyurethane have immediately prevented any further signs of wear to the belt covers. By maximising the efficiency in the materials conveyed and providing effective spillage, the investment in Kinder Australia's K-Snap-Loc[®] Dust Seal System has long term benefits.

The use of the K-Snap-Loc[®] Dust Seal ensures that spillage and dust build up around the transfer points is removed and therefore maintenance time required to clean the area is reduced, ensuring that the conveyor can be ready reliably for loading without stoppages.

K-Snap-Loc[®] Dust Seal System

- Field tested with 8 to 10 times the wear life over quality rubber
- 60% less coefficient of friction than rubber
- More energy efficient than rubber
- Nonporous so can be used with materials from wet clay to iron ore
- Will not collect fines or other materials that can damage your belt
- Suitable for all belt widths and trough angles
- Available in 15.2m rolls of varying widths to suit most conveyor sizes.



Installation Review: February 2020

Our customer has reported back and confirmed the K-Snap-Loc[®] Dust Seal System installed in April 2012 has in the past month been **replaced with approximately 8 years of service.**



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