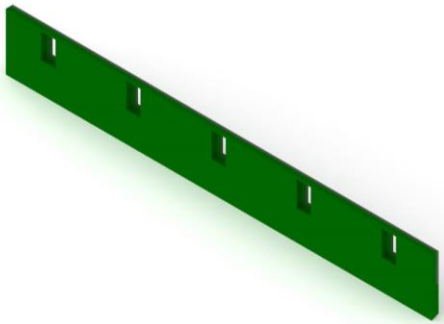


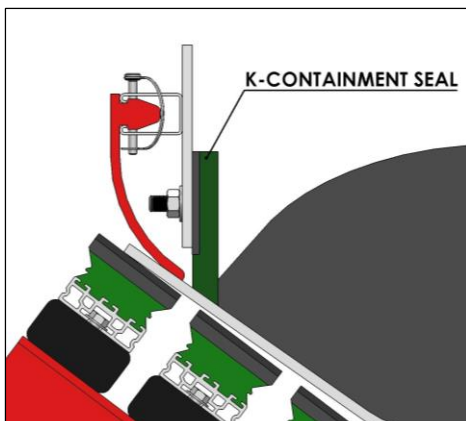
CASE STUDY: K-Containment Seal

Kinder Australia product:	<u>K-Containment Seal</u> (installed with <u>K-Sure® Belt Support</u>)
Kinder Australia product category:	Conveyor Skirting and Transfer
Location:	International
Conveyed materials:	Bulk Sugar
Installation date:	October 2015

Previous problem:



Above: 3D drawing of K-Containment Seal.
Below: position of K-Containment Seal together with K-Sure Belt Support.



Our customer has a bulk sugar processing capacity of 10,000 tonnes per year. Its dock facility receives shipments of raw sugar every 6 weeks, with the volume of spillage estimated at 1 tonne at the transfer point each time. **The clean-up time of this spillage takes 8 hours each load, plus additional disposal costs.**

The business operates with social responsibility and environmental goals supported by internationally recognised environmental accreditation under ISO 14001. Our customer maintains this status through continuous improvement.

It was the plant manager that identified the need to reduce this spillage problem and sought an alternative remedy to managing this regular spillage task.



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CASE STUDY: K-Containment Seal

Resolution:

K-Containment Seal: Key Benefits

- Heavy duty internal skirt
- Contains spillage reliably at the loading high pressure points
- Longer lasting wear life over quality rubber skirting/steel liner
- Reduces maintenance and labour costs

K-Containment Seal: Key Features

- Combined with steel backing for extra strength
- Slotted panel allowing for easy adjustment

Critical to any effective conveyor transfer point is an effective seal. K-Containment Seal is a high performance, low friction steel backed engineered polyurethane system that offers exceptional resistance to wear. Installed inside the chute, it is designed to withstand the high impact pressure and also protect the chute itself. The slotted arrangement allows for simple maintenance ongoing adjustment, requiring minimal labour resources to manoeuvre.

Spillage after the installation of the K-Containment Seal was reduced from 1 tonne to 8 kilograms. K-Sure Belt Support, with its fixed low friction slider bars instead of moving rollers, was also installed directly under the transfer point, using adjustable frames to ensure exact angles. This is the ideal combination of seal and belt support and our customer is highly delighted with the sustainable outcome of this productivity improvement.



Above and right: K-Containment Seal installed inside the transfer chute.



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