

CASE STUDY: K-Superline® Polyurethane Lining System

Kinder Australia Product:	<u>K-Superline® Polyurethane Lining System</u>
Product Category:	Flow & Anti Wear
Location:	Timboon, Victoria
Product Description:	K-Superline® solid sheet, 4' x 10' x 3/4" B93 (1220mm x 3048mm x 19mm)
Part Number:	FAW-SHT-PBJ410-B93
Conveyed Materials:	Agricultural limestone < 75mm - 15% moisture content
Production Capacity:	150 tonnes per hour
Installation Date:	February 2013
Report Update:	July 2017

Previous Problem:

Our customer at Timboon produces a range of natural organic products for soil improvement in agriculture, horticulture and viticulture. They include the highest grades and blends of lime, gypsum, magnesium and humates and are available in granulated/ pelletized or ultra-fine powder form for the quickest reaction in the soil.

Using a steel chute together with abrasion resistant steel liners at the impact point, the problem encountered at this plant site was not uncommon, with build up of the product sticking and clogging the chute. Consequently, operations had to be stopped frequently so that the chute could be cleaned.

K-Superline® - Key Benefits:

- Longer lasting anti-wear protection
- Reduced material hang-up
- Greater tear resistance
- Simplified installation
- Significantly lower noise levels



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Issue: 202102

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Resolution:

*“We have tried so many different products to stop the constant build-up, but nothing has worked. **K-Superline[®]** is the only product that has solved the problem.*

*We are so happy with **K-Superline[®]** that already since February we have now bought and installed two more of the Polyurethane lining sheets.”*



Product Links

[K-Superline[®]
Polyurethane
Lining System](#)



The Maintenance team is pleased to report three years after the initial installation **K-Superline[®] Polyurethane Lining System** is doing extremely well in terms of product performance and minimal wear.

A further two installations of **K-Superline[®]** within the operation has proven to be a valuable investment delivering longer lasting anti-wear protection and tear resistance, compared to the original steel liners utilised on site.

Production down-time has been dramatically reduced due to effectiveness of **K-Superline[®]** unique properties delivering continuous flow of materials and less manual down-time required to clean the chute.



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