

Industry:

Food, Feed & Beverage

Plant:

Soya Bean Processing

Lining System:

K-ALOX

K-ALOX LINED SOYA BEAN TRANSFER CHUTE

Key Benefits:

- ✓ Low friction lining system.
- ✓ FDA Approved lining system.
- ✓ Minimal cost to improve performance ratio.

Problem: Soya bean processing plants encounter significant production challenges in handling and conveying bulk quantities of soya beans through various stages within their facilities. One such challenge is the wear and tear caused by the highly abrasive nature of the raw material, especially during the conveying process through transfer chutes. One such client experienced severe damage, leading to frequent production interruptions and maintenance requirements. The abrasive nature of soya beans exacerbated the wear and tear, necessitating a solution that could provide both durability and compliance with relevant industry regulations, notably FDA approval due to the application in food processing.

Solution:

Upon assessing the site and understanding the unique challenges faced by the client, Kingfisher proposed a tailored solution: The implementation of a wear-resistant lining system within the transfer chutes. This lining system not only aimed to protect the structural integrity of the chutes but also to meet the stringent requirements for food safety.

Benefits: Kingfisher recommended the use of their proprietary K-ALOX lining system, known for its exceptional wear resistance and FDA approval for use in food processing applications. The K-ALOX lining system was specifically engineered to provide a robust barrier against wear and tear while also contributing to a low-friction surface, thereby optimising the efficiency of the transfer process. Following the approval of the solution, Kingfisher's technical team proceeded with the installation of the K-ALOX lining system within the soya bean transfer chutes. The implementation process was meticulously executed to ensure seamless integration with existing equipment and minimal disruption to the client's operations.



Protecting Industry Worldwide

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