

Flexco Polyurethane Skirting Outlasts the Competition

Industry

Iron Ore

Application

Screening Conveyor

Product

Flexco Polyurethane Skirting

Objective

To find a more effective, long-lasting skirting solution to:

- Decrease downtime
- Increase productivity

Conveyor Detail

1200mm, 20mm thick 4-ply fabric belt. Belt speed of 2.5m/sec.



Figure 1: Competitor skirting after 5 days.



Figure 2: Flexco skirting after 5 days of trial.

Problem:

A major iron ore mine was determined to find an alternative to their current skirting solution. The skirting that was in use was also a polyurethane soft skirting, however, the skirting became severely damaged and ineffective after only five days (Fig 1).

Solution:

The operations team decided to test an alternative polyurethane skirting from Flexco through a side-by-side trial. Both products were lined against multiple impact zones and were comprised of the same thickness and material

Result:

Flexco's Polyurethane Skirting, which is poured in-house in Grand Rapids, Michigan, outperformed the competitor significantly (Fig 2). After the five day trial, it became apparent that Flexco offered a solution that was far superior to the competition. The competing product began to, once again, tear within five days of installation. The site was so impressed with the results that they have now changed the site skirting specifications to the Flexco product.