

ASGCO® Fourthane® Provides Solution for Fast Repair of Conveyor Belt Covers

Industry	Copper Mine in the Southwest, United States
Application	Solution for time and money saving repair costs of rubber coatings and conveyor belt covers
Product	Fourthane® Repair System
Objective	Patch wear damage and restore belt cover on feeder belts

BEFORE



Grinding/Cleaning old rubber out of damaged conveyor belt.



Applying cleaner and primer.

Challenge

Costly replacements and production time loss due to damaged belt covers, worn from constant skirt board contact, was a major problem for this copper mine. Additional problems included belt covers needing repair on feeder belts, patching of impact damaged areas on feeder belt covers, reparation on longitudinal cuts in steel cord and fabric belts, and refurbishing damaged belt splices.

Solution

Fourthane® is a new synthetic rubber with high tear and impact resistance, formulated to be applied on conveyors that work under high impact and high abrasion conditions. This system allows rubber conveyor belt covers to be repaired in the field with very few tools and personnel required. Fourthane® dries within 10 minutes after application, and only needs 1 hour to set up.

AFTER



Finished. Longitudinal groove repaired.

Results

Allowing one hour after repairs have been made, Fourthane® has cured, achieving the physical properties similar to that of the conveyor belts rubber cover and allowing operation of the equipment to resume. This easy repair system accomplished a cost effective way to repair, instead of replace, damaged belt covers while minimizing down time for a money saving solution.