

## Pilbara Conveyor Belt Repair

Stop gap repair to 20km belt that turned into permanent.

<b>INDUSTRY</b>	Iron Ore Mining
<b>CLIENT</b>	A Top 3 Global Mining Company
<b>APPLICATOR</b>	Tiad Industries / Polyurea WA
<b>PROJECT</b>	Application of the BeltShield® system to replenish the rubber cover to get the belt through the 6 weeks until a major shut down.
<b>LOCATION</b>	Pilbara, WA, Australia
<b>SYSTEM</b>	Surface prep, ShieldPrime SP, ShieldPoly CV to 3mm minimum.
<b>DATE</b>	July 2019



### Description

The client was one of the biggest iron ore miners in the world. They wanted to get the 20km conveyor to last until their next major shut down. As the first full-scale trial, our client applied the BeltShield® system to the belt when it was stationary. The belt owner wanted 6 weeks. Turns out it was still going 12 months later! They did further sections of the belt in additional short shuts and are now talking about using the Beltshield system to extend the belt replacement by up to 5 years!

The BeltShield system is a 100% solids primer and a 100% solids polyurea top coat specifically designed to stick to rubber and withstand the forces on the products as they go over the head rollers within minutes of application.

The ShieldPrime SP and ShieldPrime CV systems are revolutionary in that they are the first 100% solids primer that bonds to rubber as well if not better than the heavily solvated products that crews are typically subjected to.

The exceptional adhesion and the physical properties of the ShieldPoly CV mean that the product won't peel off in sheets. The excellent blend of physical properties means that it can out-perform the original rubber cover, with minimal peeling at the feathered edges.

