

## Case study – Conveyor Belt Repair, HNCC Coal Mining Group



Date : 10 October 2012

- Location : Hunan Province, China
- Damage : Longitudinal rip extending 6m on an inclined steel cord belt

## The Challenge



	effectively filled in and sealed against moisture ingress and
	the resulting rust / rotting of the belt which would
	inevitably occur.
Product used	Eli-Flex FR909N60, 3 X 500g packs
Established practice	After careful belt preparation, Eli-Flex would be applied to
	the damaged section to achieve a quick and easy solution
	to the problem.
	Surface preparation is a three stage process :
	1) Groove out the edges of the split to 45° sidewalls
	2) Roughon with a grinding disc to remove lease
	2) Roughen with a grinning disc to remove loose
	scratchy surface to ensure good adhesion
	Scratchy surface to ensure good adhesion.
	3) Brush out any rubber crumb left behind by the buffing action.
Product advantages	The repair area was underground, on an incline section
	and in a damp environment with abrasive coal dust
	present. Accessibility is severely restricted and working

## conditions are difficult.

These situations call for a stand-alone repair method that is not dependant on machinery, power or any specialised equipment.

Eli-Flex satisfies all these criteria. It is self-contained, can be mixed and applied in a few minutes without the need for special tools, dispensing equipment or electricity. Eli-Flex can be used by unskilled personnel with no previous experience of belt repairing.



