We provide solutions to maximize the lifetime of mining and industrial equipment

FOURTHANE LTD. is the leader in innovation and the development of solutions for the rapid repair of conveyor belts, with almost 20 years in the Chilean market, Fourthane has positioned itself with great success and excellent results in their products with large international mining companies. The Fourthane product line is the greatest innovation in the last 30 years for the repair of conveyor belts.

FOURTHANE LTD. has developed innovative products based on liquid polymers to realize quick, simple and long-lasting repairs in belt conveyors, mining plants and OTR tires used in mining extraction.

acknowledgments

WINNER 2013
pro|CHILE
Innovative Entrepreneurship

WINNER 2012 - 2013
avonni
Best industrial innovation of Chile
HIGHER RELIABILITY
DURABILITY
SAFER
LESS COST
CONVEYOR SOLUTIONS

RED LINE

COMPREHENSIVE SOLUTION FOR RECOVERY AND REPAIR OF RUBBER AND CONVEYOR BELTS.

An innovative Chilean product developed and crafted over a decade ago by Fourthane. Widely proven and valued amongst international and national markets. Highly resistant to cuts and impacts, it allows long lasting repairs done in a quick time in belt conveyors and in rubber coatings.

Fourthane Red® Product highly resistant to cuts, impacts and abrasions, that allows repairing of conveyer belts and rubber coatings with the following advantages:

- ON SITE REPAIRMENT
- APPLIES EASILY
- READY IN 1 HOUR

EACH KIT INCLUDES

- FOURTHANE RESIN
- CATALYST
- PRIMER
- CLEANING AGENT
- LATEX GLOVES
- MIXER BRUSH

FORMATS

- KIT 750 gr.

YELLOW LINE

CONVEYOR SOLUTIONS

HIGH STRESSES AND EASY INSTALLATION OF RIP DETECTION LOOPS

Fourthane Yellow is a product specially designed for belt applications with high stresses and bending. The outstanding flexibility of the material allows trouble free operation with small pulleys and high cover thicknesses. The installation of vulcanized rip detection loops can be done in no time to maintain your belt.

- ON SITE REPAIRMENT
- APPLIES EASILY
- READY IN 1 HOUR
PLANT SOLUTIONS

ABRASION PROTECTION AND SEALING IN YOUR PLANT

Fourthane Grey® is a liquid polymer that achieves similar properties to rubber within 30 to 60 minutes for the use in acid and concentrator plants. Typical applications are repairs of butterfly valves up to 2500 mm diameter, SO2 gas pipelines, weak acid retention walls, seals and expansion joints, rubber coatings, sag mills, hydrocyclones, agglomeration drums, pulley lagging and seals.

PRODUCT DATA
- Color: Light Blue
- Density (g/cm³): 1.18 approx.
- Viscosity (Pas): usually 25-35
- Working time (100 g at 25 °C): 4 minutes
- Shelf life: 3 years

FORMATS
- KIT 750 gr.

PLANT SOLUTIONS

FAST CURE NO WEAR

Fourthane Black® is a fast drying two component polymer, 100% solid after curing, a formula based on epoxies reinforced by ceramic and carbon silicide pearls. It is designed to protect against abrasion of fine particles in the materials handling processes.

BRUSHABLE CERAMIC

Fourthane Brown® is a very soft two component polymer, 100% solid after curing, a formula based on ceramic reinforced epoxies, which provides a shiny and very low friction surface to protect your equipment against turbulences, cavity effects and abrasion. It's recommended for sealing and corrosion protection.
**QUICK OFF-ROAD TIRE REPAIR**

Fourthane Orange is a liquid polymer applied using a spatula or a simple mold, which allows preventive repairs to protect the tire carcass in an early stage of the damage and minimize vehicle down times.

**EACH KIT INCLUDES**

- Fourthane Resin
- Catalyst
- Latex Gloves
- Mixer
- Brush

**FORMATS**

- Kit 750 gr.

**BLUE LINE**

**ALL PURPOSE LIQUID ADHESIVE REPAIR KIT**

Fourthane Blue is a liquid, two component multipurpose adhesive, rapidly drying at room temperature, very tough and resistant for HDPE-HDPE and Metal-Metal bonding.

**PRODUCT DATA**

- Color (visual): Pale Blue.
- Density (g/cm³): 1.18 approx.
- Viscosity (Pas): usually 25-35
- Working time (100 g at 25 °C): - 4 minutes
- Shelf life: 3 years

**FORMATS**

- Kit 750 gr.
WHERE TO USE WHAT

Crusher
- Walls
- Discharge
- Liner Sealing
- Body
- Structural walls

Overland
- Belts
- Top Cover
- Carcass Cut
- Liner area
- Edge repair
- Splice protection
- Rip detection loops

Dust Filter
- Wall protection

Agglomerator
- Walls
- Discharge area
- Liner sealing
- Body
- Structural walls

Screener
- Metallic Protective Shell
- Walls
- Discharge
- Liner sealing
- Body
- Discharge area
- Rubber area
- Rubber cover

Truck Tray
- Walls
- Discharge area
- Liner sealing
- Body
- Structural walls

Feeders
- Conveyor Belts
- Top Cover
- Carcass Cut
- Liner Area
- Edge repair
- Splice protection

SAG Mills
- Wall protection