

AREAS OF USE

Specific Usage Information for Rapp-it



Rapp-it is the Ultimate Pipe Repair System for temporary emergency pipe repairs on site across a broad range of industries.

Rapp-it can be used within the following industries; mine sites, coal plants (CHPP's), general industry, agricultural, shipping, water treatment, potable water, food and beverage industry, oil & gas, petrochemical, chemical plants, pulp and paper mills, steel mills, power stations, construction, municipality/local council, manufacturing and many more.

Within mining, Rapp-it is used across many areas, from mining to final production and processing. This is because leaking pipes happen everywhere; in elbows, joins, T-pieces, Y-sections, harsh wear lines, tailings lines, de-watering pipes, flotation tanks, feeder lines, and more.

Rapp-it can be used for all mining and processing in these areas:

- Iron Ore
- Gold
- Tin
- Lead
- Silver
- Copper
- Uranium
- Coal
- Bauxite/Aluminium
- Lithium
- Nickel
- Cobalt
- Diamonds
- Zinc
- Magnesium
- Magnetite
- Rare Earth
- Mineral Sands
- Phosphate
- Titanium



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All minerals have different production/processing requirements. Regardless of the production/processing section of plant, Rapp-it can be used on:

- HMP (Heavy Metals Plant)
- Concentrator 1
- Concentrator 2
- Flotation Tanks
- Acid Leaching
- Sinter Plant
- CHPP (Coal Handling & Preparation Plant)
- Smelter
- Refinery
- Separation
- All Slurry Lines
- Air Lines
- Mud Lines
- Feeder Lines
- Vacuum Lines
- Dust Lines
- Ventilation Pipes
- Water Pipes
- Gravity Feed Lines
- Fire Water & Fire Suppressant Lines



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Rapp-it is regularly used on different types of mine sites. Below are some potential commodities and areas where Rapp-it can be used.

Lithium

Rapp-it is ideal for use on these sites because of the abrasiveness of the product. Rapp-it can delay shutdowns for changing out pipes.

Nickel

Similar to Lithium, Nickel is another very harsh product.

Gold Mines

Rapp-it is used in processing plants, acid flotation and leaching, and is suitable for use on sulfuric acid, hydrochloric acid and cyanide. Rapp-it is also used on chemical, sludge, slurry and by-product/waste pipes.

Aluminium

Note that for aluminium, Rapp-it is only used in processing plants (not bauxite mining). Rapp-it is useful in preparation after mining, from the white powder to the aluminium crystals and ingots. Rapp-it is used on the sludge and chemical lines in the refinery/alumina section.

Phosphate

A major phosphate mine uses over 1,000 units of Rapp-it per year. All parts of the processing plant, tailings ponds, dams, and de-watering processes have uses for Rapp-it.

Titanium

A titanium minerals mine uses roughly 50 Rapp-it bandages per month.

Copper

Copper mines use Rapp-it in their processing plant, smelting, lines in and out of blast furnaces, water, steam, sludge and slurry lines.

Zinc

Similar to copper mines, zinc mines use Rapp-it in their processing plant, smelting, lines in and out of blast furnaces, water, steam, sludge and slurry lines.



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Coal

Coal mines that have either wash-plant, flotation or dense media separation processes on-site have several areas of use for Rapp-it. Coal mines can use Rapp-it in their CHPP (coal handing and processing plant) from washing, crushing (ROM), screening, gravity separation, thickening, cyclones, de-watering, tailings and pipes.

It's important for underground coal mine use to follow some additional safety precautions due to the inner pouch of Rapp-it being made from foil (this is the pouch inside the outer klickseal bag packaging, that directly contains the Rapp-it bandage). Please contact us for this information.

Silver Mines

Rapp-it can be used anywhere from where the mineral is fed into the hopper bin, right up to just before it goes into the smelter. This includes all acid, cyanide and extraction processes.

Iron & Steel

Iron ore mines, processing plants and steel works/mills are ideal for using Rapp-it. A major steel mill customer uses up to 3,000 units of Rapp-it each year.

Rapp-it can be used at every single stage of the iron ore process.

24/7 technical advice available.

Online training sessions available upon request.

Please contact our office for specific advice or visit our website piperepair.com.au for further information.



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