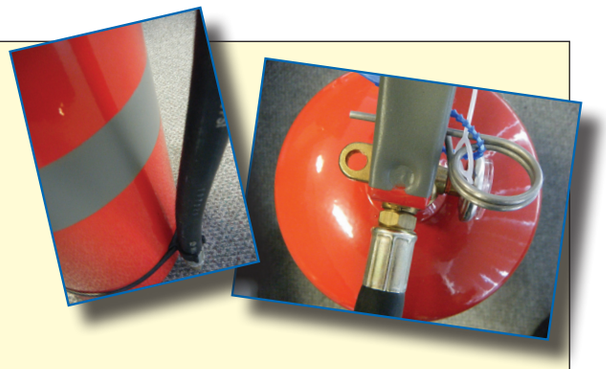
Fireworld
AUSTRALIA PTY LTD

GALVANISED ZINC FIRE EXTINGUISHERS.

Fire world supply the Resil product from Brazil. This company have been manufacturing products for over 55years. They first listed the Resil fire extinguishers with the Australian Standards kite mark way back in the 1975. Since that time Resil, have been constantly improving their product and developed new ideas.

Resil have recently released a new galvanised zinc fire extinguisher. This is designed to be used in heavy aggressive environments. The painting process involves pickling the steel cylinder with a phosphorous coating ,drying then spraying a zinc coating which is passed through the powder coating kiln. The units are then sent through the powder coating for the final red powder coating finish. These are ideal for use in aggressive enviroments such as mining, marine, transport or anywhere where a heavy duty fire extinguisher is required.



These Photo's show the zinc galvanised coating (undercoating). This is under powder coated red paint. Both the cylinder and the handles are zinc coated.

Fire Extinguisher Dry Chemical ABE	Galvanised : heavy duty fire extinguishers	
Size (Capacity)	4.5KG	9.0KG
Part Number	FW4.5ABE80	FW9.0ABEZINC
Powder Manufacture	Total Walther (Germany)	Kidde (England)
ABE Dry Chemical Powder Type	Pulvex ABC royal	ABC 70
Tare Weight	7.5KG	13KG
Fire Rating	4A-80BE	6A-80BE
Aust Standard Approval	AS/NZ 1841-5	AS/NZ 1841-5
SAI Licence Number	SMK 0357	SMK 0357
Dimensions: Height	560mm	565mm
Dimensions: Depth	250mm	180mm
Dimensions: Width	160mm	265mm
Discharge time	23 seconds	26 seconds
Effective Range	5 metres	5 metres
Operating Pressure	1345 KPA	1345 KPA
Propellant	Dry Nitrogen	Dry Nitrogen
Periodic Pressure Test		
- Normal Conditions	5 Years	5 Years
- Aggressive Environment	3 Years	3 Years
Materials - Valve	Brass	Nickel Plated Brass
- Cylinder	Mild Steel	Mild Steel
- Cylinder treatment	Zinc (gal) heat fired	Zinc (gal) heat fired
- Cylinder Finish	Power Coated Red	Power Coated Red

From Wikipedia, the free encyclopedia.

Galvanisation Metal protection

In current use, the term typically refers to hot dipped galvanising and spraying, which is a metallurgical process that is used to coat steel or iron with zinc. This is done to prevent galvanic corrosion (specifically rusting) of the ferrous item; while it is accomplished by non-electrochemical means, it serves an electrochemical purpose.

Galvanised steel has been effectively used for more than 150 years. The value of galvanizing stems from the relative corrosion resistance of zinc, which, under most service conditions, is considerably better than those of iron and steel. In addition to forming a physical barrier against corrosion, zinc applied as a galvanised coating catholically protects exposed steel. Furthermore, galvanising for protection of iron and steel is favored because of its ease of application, and the extended maintenance-free service that provides long life in aggressive areas.

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