

# CENTRAL HEATING PROTECTOR MB-1

- **Central Heating Protector for mixed-metal domestic central heating systems**
- **Protects against corrosion and limescale**
- **Recommended Energy Savings Trust product**
- **Prevents boiler noise**
- **Extends system life**
- **Saves on fuel bills**
- **Prevents bacterial contamination**
- **Maintains system efficiency**
- **Prevents cold spots in radiators**
- **Non-toxic, environmentally friendly**



## Product Uses

Fernox Protector MB-1 gives long term protection of domestic central heating systems against internal corrosion and limescale formation. It prevents corrosion of all metals found in these systems, i.e. ferrous metals, copper and copper alloys and aluminium. It is suitable for all types of boiler, radiator and pipework systems. Fernox Protector MB-1 is compatible with all metals and materials commonly used in central heating systems.

For continued long-term protection we recommend Protector levels are checked regularly (annually). The concentration of the product can be easily measured on site using a Fernox Protector Test Kit.

## Physical Properties

Protector MB-1 is a blend of inorganic and organic corrosion and scale inhibitors and biocide.

Odour:	Slight
Form:	Clear liquid
pH (conc.):	7.4 – 8.0
pH (4% soln):	7.1 – 7.9
SG:	1.013 at 20°C

## Application and Dosage

The recommended 'in-use' concentration of the product is 4%. One pack (4 litres) will protect an average sized system (up to ten radiators). For open vented systems add via the feed and expansion tank. For sealed systems add via the radiator or filling loop using a Fernox Injector.

In single feed indirect cylinders, e.g. "Primatic" or similar, potable water chemicals must be used.

We recommend untreated or sludged systems are thoroughly cleaned and flushed in accordance with BS7593 and Benchmark using Fernox Cleaner F3, before treating with Fernox Protector MB-1, as existing debris can damage the installation.

### **Packaging, Handling and Storage**

Fernox Protector MB-1 is supplied in 4 litre containers.

Fernox Protector MB-1 is classified as non-hazardous, but as with all chemicals: Keep out of reach of children. Do not mix with other chemicals. Do not take internally. In case of contact with eyes or skin, rinse immediately with plenty of water.