

# **FERNOX**

## **MAKES WATER WORK**

### **ALPHI-11**

Combined anti-freeze and inhibitor  
Suitable for all metals including aluminium  
Maintains system efficiency  
Non-toxic, environmentally friendly

### **Product Uses**

Fernox Alphi-11 is a combined anti-freeze and inhibitor, which is suitable, for protecting heating, chilled water and solar systems containing mixed metals including aluminium.

### **Application and Dosage**

The minimum recommended "in-use" concentration of the product is 25% in order to ensure adequate corrosion protection. This concentration will protect down to -11°C/12°F. Alphi-11 is suitable for use on all types of metal including aluminium, it is especially recommended for use in solar systems. Product can be introduced via the feed and expansion tank or injected directly into the system via a radiator or filling loop.

Temperature		% Alphi-11 Required	
°C	°F	Freeze Protection	Burst Protection
-7	20	18	12
-21	10	29	20
-18	0	36	24
-23	-10	42	28
-29	-20	46	30
-34	-30	50	33
-40	-40	54	35
-46	-50	57	35
-51	-60	60	35

### **Physical Properties**

Fernox Alphi-11 contains mono-propylene glycol.

Colour: Pale. Yellow.  
Odour: Mild  
Form: Liquid  
pH (conc) 5.7 – 6.1  
pH (soln 25%): 7.0 – 7.5  
SG: 1.05 at 20°C