



## **Oxidation (weathering) of lead**

We advise that your sales personnel are briefed, and that they inform potential customers of the natural oxidation of lead.

All newly installed lead products, when exposed to the atmosphere are subject to an oxidation process and will form a naturally protective grey patina. During the initial stages of this process lead can display various colours including blue, bronze and even green. When lead comes into contact with moisture i.e. rain, water, condensation etc., at an early stage, discoloration, spotting and white powdery deposits (usually basic carbonate) can form and may “run-off”. The degree to which these effects occur is governed by the environmental conditions but with longer term weathering the lead will take on its familiar grey appearance. Should these deposits become unsightly they can be removed by a very gentle rubbing with wire wool; extreme care should be taken not to disturb the underlying film (patina).

This Process can be controlled by the application of ***Decra Led Patination Oil*** (apply to bright lead). This dries to a dull, matt finish and provides a “screen” to the environment. (As Patination Oil had to be applied extremely carefully, to avoid leaving any residue on the glass)

## **STORAGE**

The storage life of ***Decra Led*** in a temperate climate is 2 years, providing it is stored in original sealed carton. ***Decra Led*** should not be stored in areas that may be subject to excessive heat, moisture, corrosive, or solvent fumes. Minor surface defects and slight oxidation may occur during transit or storage; these will not affect the service life or the product and are often removed during cleaning.

## **HEALTH AND SAFETY**

***Decra Led*** is a clean bright metallic lead therefore no health hazard is likely to occur. However certain basic handling precautions should be observed: eating, drinking and smoking should be prohibited in areas where lead is used. Personal hygiene and good housekeeping is important wash hands and face thoroughly after use and especially before eating, drinking or smoking. Area where lead is used should be cleaned daily, preferably vacuumed.

## **FIRST AID CUTS & ABRASIONS**

Clean and apply sterile dressing- medical aid should be obtained if necessary.