



Product Data Sheet - PD 16

Instructions for the Application of Decra Led

Product Description

Instructions for the Application of Decra Led - Self Adhesive Lead Strip

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Manufacturers Details

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Application

Decra Led self-adhesive lead strip is designed for applying on interior or exterior flat glass surfaces to create a leaded window effect without cutting glass or soldering joints.

Decra Led self-adhesive lead strip is ideally suitable for use in insulated glass manufacture, complying with EN 1279, the manufacture of furniture panels or for in-situ application to existing windows.

Application in cold or damp conditions is not recommended.

1. The glass that the lead is being applied to should be thoroughly cleaned using a proprietary glass cleaner such as **Decra Clean** or similar and then wiped/polished with a clean dry cloth to ensure the glass is dry and any residues are removed.

NOTE: *Some commercial glass cleaning agents may leave a "film" on the glass surface and are therefore not suitable for use with self-adhesive products. Where a mechanical glass washing machine is used, the rinse and drying stages must be efficient in removing moisture, chemical additives and all traces of cutting oil. Moisture, chemical residues and trace salts left on the lead surface can also cause adverse discolouration both inside and outside of the cavity.*

2. The lead strip should be smoothed between finger and thumb before removing the backing paper; stretching the lead is not necessary and should be avoided.
3. Initial application will be aided by applying a slight finger / thumb pressure to the lead as you follow the required design.
4. Secure onto the glass using the *Decra Led Boning Peg*, applying a firm, even pressure. First run the flat edge of the peg along the full length of the top surface, then using the concave formed end of the peg (oval lead only), again traverse the full length of the strip. This ensures the edges of the oval profile are boned down. Finally, using the pointed end, and holding the peg at an approximate angle of 45°, run the peg along both outer edges of the strip in a firm, smooth action, in effect, crimping the lead to the glass. Treat all joints in the same manner, ensuring that gaps are not left between the lead and glass.
5. **IMPORTANT:** Correct boning and surface contact, especially on the joints, ensures permanent adhesion.
6. The leaded panel should now be re-cleaned as per Item 1. above.

NOTE: *It is recommended that leaded panels are stood down for one hour before machine-washing to allow the adhesive bond to develop.*

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7. Butt joints are not recommended, wherever possible ends should be “tucked” under a solid strip of lead or alternatively the joints can be soldered [on natural lead only]. Ideally the finished work should not have “loose ends” left exposed.
8. When marking out designs on the glass, care must be taken to allow the sealant and spacer bar to make clear contact with the glass surface, free from any interference from any lead design[s]. Lead designs should be designed so that the design[s] do not make contact with the spacer bar; lead should be cut back sufficiently to leave a clear space between the lead and the spacer bar. Felt tip or chinagraph pencil marks should also be removed from the glass surface if lead is to be applied over them, as these can impair adhesion.
9. It is essential, when glazing leaded units that any lead strips do not interfere with the fit of gaskets and/or glazing material. Leaded units should be designed so that any lead design[s] do not make contact with any gaskets and/or glazing material.

CAUTION: Some types of glazing sealants and silicones, when in contact with lead, can cause excessive oxidation. Neutral cure silicone sealants can be used to avoid these problems.

Packaging

Lead is supplied on robust returnable plastic reels, packed in strong corrugated recyclable cartons measuring approximately 240mm x 240mm x 70mm, normally containing 5 x 50 metre reels; in some cases this quantity may vary, please refer to our Trade Product List for further details.

Storage

The storage life of Decra Led Lead in a temperate climate is two years, providing it is stored in the original sealed cartons. It should not be stored in areas that may be subject to excessive heat, moisture, corrosive or solvent fumes.

Health & Safety

Decra Led is assessed as low hazard whilst in its solid metallic form. 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 house-keeping is important; wash hands, nails and face thoroughly after use and especially before eating, drinking or smoking.

For further information please refer to our MSDS for Self Adhesive Lead Strip

For further information on Health & Safety the following should be referred to:
Control of Lead at Work Regulations 1981. The Approved Code of Practice for the Control of Lead at Work 1985.

First Aid

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

Disclaimer

Whilst the foregoing information is given in good faith, no warranty is given or implied in connection with these, as the conditions of use and method of application are beyond our control.

We suggest the buyer determines the suitability of the product for its intended use. All products are carefully monitored in manufacture to ensure compliance with specification.