



We Put The Magic In Stained Glass

PRODUCT SPEC SHEET APRIL 2006

DURA LEAD OVERLAY/ANTIMONIAL VERSION

Dura lead strip or lead overlay is manufactured from pure lead ingot 99.97% lead, with a 0.03% added amount of antimony. The product is very durable and has an expected life span of more than 20 years. Dura lead comes complete with a high grabbing permanent adhesive backing and passes all the relevant British Standards 5713 test requirements. Performance temperature range; minus 22F up to 212F, and has successfully been tested up to 240F. Product melting point 328c with a boiling point of 3'164F

MULTYFILM OVERLAY FILM

Adhesive

Multyfilm overlays are crafted from none shrink polyester film, with a permanent acrylic adhesive backing. The adhesive is pressure sensitive and can be applied wet, or dry. The adhesive durability of this product meets all American standards set out in ANSI Z97/1 1984 specifications section 44.4.2.2. Product testing did show that adhesion peel strength improve after 10 years of exposure to ultra violet light.

Application Temperatures

When Multyfilm is applied in extremely high or low temperatures which are set out in American standards ASTM E773-E774 specifications. Temperatures from minus 22F up to 137 F found no breakdown in material and did not affect the insulated double glazing units the product was applied to. Multyfilm also passes all BS, British Standards Institute testing specifications applied under BS5713 insulated glass fogging tests.

Ultra Violet Resistance

Product Ink and film absorbs 85 to 99 percent of ultraviolet light. Tested 1999 in accordance with criteria set in ASTM E903.

Substance Data

Surface temperature minus 100 degrees F, to plus 300 degrees F. The melting point is 480 degrees F.

Contact Strength

Conforms to all safety impact, tensile strength, and adhesive durability requirements on glass, specified in USA, ANSI Z97.1-1984 specifications. Multyfilm Overlay applied to the whole glass surface meets national safety guild lines... UK.

Fade Resistance 5700 hours which is equivalent around 20 years directs ultraviolet exposure as specified in American ASTM G-23. Slight or no color fading in 10 samples submitted.

Note: Some of the data supplied is taken from the polyester manufacturer's data sheets.