

## Technical Details

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### APPLICATION GUIDE - SECURITY GLAZING TAPES/ GEORGIAN BAR TAPES (RA8625)

#### Storage of tape

Pressure-sensitive adhesive tapes should be stored in a dry, cool environment, free from contamination by dust etc., protected by their original packaging, preferably at temperatures between 5°C and 25°C.

#### Temperature

Although the adhesives used on our products are reasonably tolerant to extremes of temperature, it is strongly recommended that tapes are applied at a temperature between 5°C and 25°C.

#### Surface preparation

In order to obtain the optimum adhesive bond, it is essential that the surfaces to be joined are clean and dry. They should be free from dust and other particulate matter, grease, condensation or other surface contaminant. In most cases a wipe over with a clean cloth is sufficient. If there is any doubt, following removal of the worst contamination, a wipe over the surface with a small amount of a suitable solvent such as Industrial Methylated Spirit, Isopropyl and industrial degreaser will remove final traces of grease etc. White Spirit should not be used for this purpose, as it leaves an oily surface deposit on evaporation.

#### Application Pressure

The adhesive used on security glazing tapes are pressure sensitive, and as the name implies, a reasonable amount of pressure needs to be applied to the tape to give the optimum adhesive bond.

#### Compression of Tape

For an optimum seal without over-compression of the tape, it is recommended that the tape should be compressed by about 20%, e.g. a 5mm thick tape used for a 4mm gap, to a maximum of 30% compression. Gross over-compression of the tape during application can result in the tape being physically squeezed out of position. This effect is worse the higher the application temperature. When applying "Georgian Bars" it is imperative that a suitable expansion gap between sections is allowed for movement, failure to do so could result in the bars coming away from the application.

#### Removal of unwanted adhesive

If a tape is wrongly applied, and on removal an adhesive deposit is left, this can be removed by use of a cloth moistened with petrol (obviously with great care because of the flammability of the solvent). As the adhesive is cross-linked it will not dissolve, but it will soften, and can generally be removed.

#### IMPORTANT NOTE

The above notes are intended as general guidelines, but as with all pressure-sensitive tape applications it is the responsibility of the customer to determine the suitability of the products in their own application, as performance will inevitably vary according to the material to which the tape is applied.