

Application Hints

Technibond

Clean Surfaces



All surfaces should be clean and free of dust, moisture and oil residues. Normally a clean paper towel, should be sufficient to remove most surface contaminants, but some metals may need degreasing and all surfaces will benefit from an isopropanol wipe.

Apply Overall Pressure



These are 'pressure sensitive adhesive products' and require good overall pressure to secure the adhesive on to the first receiving surface, and the same pressure again for the second surface.

Allow Time to achieve Full Bonding Capability



The adhesive should perform well in many difficult environmental conditions, but it will activate more readily if applied in normal room temperature conditions. The bond strength will then continue to increase after the initial application. Many of the adhesives will reach their full bond strength within an hour, but the PURE Acrylic adhesives may take a day or longer.

Apply in the correct Temperature Conditions



If the surfaces, or the tape, are too cold this will affect the condition of the adhesive. This will tend to make the adhesive dryer to the touch, and it will therefore, take longer to achieve its full bonding potential.

***Preferred application temperature
no less than 10°C, and ideally between 20°C and 25°C.***



Once correctly applied, the tape will perform well at colder application conditions, with some products bonding as low as -40°C.

Atmospheric Changes



Be aware of atmosphere changes, such as taking a cold metal product from the stores into a warm work area. This may cause surfaces to be coated with an invisible layer of condensation.

Storage Conditions



These adhesive products should be stored in the original containers, upright, in dry, warm domestic conditions, away from direct heat sources, and stock should be rotated and used on a regular basis.

Difficult Substrates



Some adhesives will not readily bond to such difficult surfaces as :

Plasticised PVC's
Siliconised Surfaces
Powdered Coated Paints
Treated or Embossed Metals
Low Surfaces Energy Plastics (PE PP PU PTFE Nylon etc.)

***Helpful reminder
The smoother
the surface,
the better
the bond***