QT562

Structural Bonding Acrylic Tape

Clear - (Extruded)

QT562 exhibits extremely high adhesion and load bearing characteristics and is used in many industries for creating dynamic structural bonds. Bonds well to steel, aluminium, plastics, composites, ABS, PVC, HIPs, ceramics and glass. A permanent adhesive, designed to withstand temperatures ranging from -40 ⁰C to +200⁰C. Good on textured and powder coated surfaces, also good on low energy substrates.

There are many advantages to using a structural bonding tape when compared to other fixing methods. It can in many applications, be confidently used to replace traditional adhesives, spot welds, rivets, screws, nuts and bolts. It bonds immediately, allowing for production to continue, boosting productivity. No drills are needed to make holes for rivets or bolts. Due to its supple nature, the adhesive acts as an excellent intermediary for bridging substrates with different thermal expansion and contraction properties. It is unaffected by ageing and UV (no discoloration) and is suitable for internal as well as external all weather use. It acts well as a gap-fill and seal, and capable of absorbing shocks and vibrations. It can also be supplied in white and grey to aesthetically enhance the appearance of joins when bonding substrates of a similar colour. Typical applications include assembly of interior and exterior signs including highway signage, mounting of trims, fixing of brackets, fabrication of Acrylic displays, mounting of glass, component assembly, mounting of badges and vehicle panels. Thicknesses available from 0.25mm to 3.0mm in widths from 4mm to 900mm

Always ensure that maximum pressure is applied to the tape to enhance the performance of the bond. Prior bonding, surfaces must be clean and free of all contaminates. Isopropanol alcohol is a recommended cleaning agent to remove contaminates in most cases. Difficult to bond substrates may need to be primed prior bonding with an appropriate sealer/accelerator such as SX100.