



SX100

Adhesion Promoter

For maximising the bond strength of adhesive tapes

Product Information Sheet

SX100 adhesion promoter helps adhesive tapes bond better to substrates that normally resist adhesion by creating a seal between the substrate and the tape. Once the SX adhesion promoter has evaporated after application, the area becomes primed and is ready to accept the adhesive tape. SX adhesion promoters can also work on MDF and most soft woods by saturating and sealing off the porous wood, creating a firm primed high energy surface for tape as to adhere to once dried. SX adhesion promoters work well on most plastics (rigid PVC, ABS Plastic, Polycarbonate, Rigid Polyurethane), metals or painted surfaces. It helps the Acrylic adhesive tape cling to irregular or curved surfaces. SX adhesion promoters also significantly reduce the dwell time of solvent acrylic tapes, giving up to 90% of the ultimate bond strength immediately.

Applications

Glazing - Mirror Mounting - Pre-Powder Coated Steel - Powder Coated Surfaces - Automotive Painted Surfaces - Sheet Metals - Composites - ABS - Polystyrene - Hard and Soft Woods and MDF

** Check for suitability with some plastic types. Alternative adhesion promoters can overcome other difficult to bond substrates **

Colour: Clear

Application: Shake vigorously before use, then apply to the surface using a lint free cloth or brush. Constant agitation before use is recommended. Apply only one coat. Do not leave prepared surfaces longer than one hour before applying the adhesive or tape

Shelf Life: As stated on the container. Do not use after that date

Application To be used in a well-ventilated room. Nitrile gloves and eye protection must be worn.

Preparation & Application

Always ensure that the surfaces to be adhered are clean and free from dust, dirt, oil & grease, silicones, Wax, partially removed surface coverings (paints) and are not corroded. It is **always** best to wipe surfaces with an appropriate cleaner even if you are quite sure that the surfaces are clean and bare. It is recommended that Multiprep is used for this purpose. Recommended application temperatures for the promoter are between +15 deg C to + 27 deg C. Minimum temperature for application should not be below + 10deg C. Ensure that you have a sufficient amount of Promoter applied to the surfaces to be adhered. Only apply one coat. Always ensure that the Promoter has completely dried before applying tapes or adhesives. Do not leave the prepared surface for long periods before tape is applied.

Double Sided Tape applications

After the tape has been applied, do not remove the release liner. After cutting to the desired length, **gently** apply hand pressure to the middle of the tape to firm the tape down, working outward. To maximise the bond, use a roller and press firmly over the length of the tape, building on the amount of pressure applied through the roller. Avoid making irregularities in the tape by applying too much pressure too quickly. Always ensure the least amount of open time possible when removing the release liner and bringing together the other surface. Ensure that the other surface has been prepared in the same way first.

Fixing

Apply as much pressure as possible over the surfaces that are bonding. The higher the pressure applied, the greater the acceleration toward the optimum bond strength of the adhesive tape.

Cure Time

With acrylic adhesive tapes, 90% of the bond strength is achieved immediately. 100 achieved after 72 hours.

Unless otherwise stated all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Qualitape (UK) Ltd will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.