

STRONGHOLD 901

90 Second Black Semirigid Adhesive for Rapid Repairs & Assembly Operation

Description & Uses	STRONGHOLD 901 is a 90 second Black Adhesive for rapid repair & assembly operations (Bracket s, lugs, clips, fixings, trims & emblems & rapid repair of rigid plastic & composite sections.						
Benefits	<ul style="list-style-type: none"> • Non-sag • Non-shrinking • Can be sanded and over painted • Excellent gap filling properties • Once cured, Stronghold provides a bond of excellent strength & durability. • Bonds to Ferrous Metals & Aluminium, Zinc & Galvanised Metal, GRP / SMC / Thermoset Composites, Rigid Thermoplastics & Wood 						
Advantages of Using Stronghold over Welding	<ul style="list-style-type: none"> • Reduces risk of fire from the welding process. • Reduces the risk of panel deformation & distortion due to overheating. • Reduces corrosion by bonding and sealing in one operation. • Used to secure dissimilar substrates e.g. steel to SMC. • Bonding reduces labour time and material costs and does not require a specialist operator. 						
Instructions For Use & Application	<ol style="list-style-type: none"> 1. Remove existing coatings/oxidation from all surfaces to be bonded using an abrasive no finer than P180 grit abrasive. 2. Thoroughly clean areas to be bonded using SH801/UP8010 (Stronghold Aerosol Metal Cleaner), or SH803/UP8030 (Stronghold water based Plastic Cleaner) ensuring any residue is removed using a lint free cloth. Plastic substrates should be treated with SH802/UP8020 (Stronghold adhesion promoter). 3. Use the Stronghold adhesive selector chart to choose the most appropriate adhesive for the work piece. The choice will be determined by substrate/s work time plus the size & complexity of the repair. 4. Remove the cartridge, mixing tip & locking nut from outer packaging & load the cartridge into the dispensing gun. 5. Holding the gun & cartridge vertically up, remove the "break off tip" located at the top of the cartridge using either a set of pliers or similar equipment. 6. Squeeze out a small amount of both parts A + B onto a piece of cloth & discard. 7. Attach the mixing tip using the locking nut. If required, cut mixing tip to the desired diameter or angle. 8. Dispense a small bead of product through the tip (approx 5cm / 2") & discard - the product is now correctly equalised & ready for use. 9. Apply adhesive to one of the surfaces to be bonded working quickly to align the work pieces. 10. Hold or clamp the work pieces during cure. <p>If sanding or over coating is required, refer to the information below for de-clamping, sanding & over painting time.</p> <p>Please Note: Stronghold's range of adhesives may be over coated with most modern paint systems.</p>						
Applications	<p>STRONGHOLD 901 is suitable for use on the following substrates:</p> <ul style="list-style-type: none"> • Ferrous Metals & Aluminium • Zinc & Galvanised Metal • GRP/SMC/Thermoset Composites • Rigid Thermoplastics • Wood 						
Work Time/Open Time	90 Seconds						
De-Clamping Sanding & Over-Painting Time	10 Minutes						
Optimum Cure Time	1 Hour						
Storage After Use	Any remaining adhesive in the cartridge can be stored in a cool dry place with the mixing tip on. To re-use, remove and discard the old mixing tip and repeat the adhesive preparation instructions as described above.						
Product Code	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">50ML Cartridge</td> <td style="width: 33%;">UK Re-Order Code - SH9011</td> <td style="width: 33%;">USA Re-Order Code – UP9011</td> </tr> <tr> <td>200ML Cartridge</td> <td>UK Re-Order Code - SH9012</td> <td>USA Re-Order Code – UP9012</td> </tr> </table>	50ML Cartridge	UK Re-Order Code - SH9011	USA Re-Order Code – UP9011	200ML Cartridge	UK Re-Order Code - SH9012	USA Re-Order Code – UP9012
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* PLEASE NOTE – PRODUCT CODES STARTING WITH 'SH' ARE UK SPECIFIC & ALL CODES COMMENCING WITH 'UP' ARE USA SPECIFIC.

Disclaimer & Warranty

The results of tests carried out by us, are provided in good faith and are considered to be accurate.
 Recommendations for use of U-POL products, whether given by us in writing, verbally, or implied from test results are made upon the condition that the Buyer shall remain responsible for satisfying himself that the products as supplied by U-POL are suitable for his particular use.
 The intended purpose, application or processing of U-POL products are beyond our control, we cannot therefore accept responsibility for subsequent performance.
 We warrant that U-POL products are free from defects in accordance with and subject to our general conditions of supply.