

STRONGHOLD 909

10 Minute Black Controlled Flow Grade Flexible Seamsealer (not to be used as an adhesive)

Description & Uses	STRONGHOLD 909 is a 10 Minute Black Control Flow Grade Flexible Seamsealer.						
Benefits	<ul style="list-style-type: none"> • Non-sag, Non-shrinking • Can be sanded and over painted with most modern paint systems. • Excellent gap filling properties • Once cured, Stronghold provides a bond of excellent strength & durability. • Great on Flexible Thermoplastics, Polyamides/Polystyrene Foams/Polyurethane Foams, Rubbers & Wood. • Remains flexible. • Will not crack. 						
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. • Minimises the removal of trims and upholstery. • 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 any existing coatings or oxidation from all surfaces to be bonded using an abrasive no finer than P180 grit abrasive. 2. Thoroughly clean the areas to be bonded using either 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. If necessary apply masking tape on either side of the joint to be sealed. This will produce a bead which is even and equal in width. If sealing drip channels or rails, it may be necessary to apply masking tape to either end of the channel to produce a dam barrier. 4. Remove the cartridge, mixing tip and locking nut from outer packaging and load the cartridge into the dispensing gun. 5. Holding the gun and 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 and 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") and discard - the product is now correctly equalised and ready for use. 9. Starting from one end, dispense seam sealer. Ensure that the nozzle tip remains immersed within the material to eliminate air entrapment. Gradually work toward the end of the work area, maintaining a steady motion. As the seam sealer is dispensed, it will flow out to produce an even distribution along the seam - the seam sealer will continue to flow for approximately 15 seconds. 10. Where required, the seam sealer may be brushed out using a dry (acid type) brush to simulate OE finish. 11. Any masking tape or damming should be removed within 45 to 60 seconds to prevent any cosmetic damage to the sealer. <p>Please Note: Stronghold 909 & 910 self-levelling seam sealer can be refinished after approximately 1 hour cure time.</p>						
Applications	<p>STRONGHOLD 909 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 • Flexible Thermoplastics • Polyamides/Polystyrene Foams/Polyurethane Foams • Rubbers • Wood 						
Work Time/Open Time	10 Minutes						
De-Clamping Sanding & Over-Painting Time	1 Hour						
Optimum Cure Time	8 Hours						
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%; text-align: center;">UK Re-Order Code - SH9091</td> <td style="width: 33%; text-align: center;">USA Re-Order Code - UP9091</td> </tr> <tr> <td>200ML Cartridge</td> <td style="text-align: center;">UK Re-Order Code - SH9092</td> <td style="text-align: center;">USA Re-Order Code - UP9092</td> </tr> </table>	50ML Cartridge	UK Re-Order Code - SH9091	USA Re-Order Code - UP9091	200ML Cartridge	UK Re-Order Code - SH9092	USA Re-Order Code - UP9092
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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.