



## TECHNICAL DATA

### BONDUROX™ SUPER C POLYURETHANE ADHESIVE

<b>DESCRIPTION</b>	A single pack high strength low-foaming moisture curing polyurethane based adhesive.
<b>USES</b>	Bonding concrete blocks, pavers and kerbing to concrete and asphalt substrates Bonding recycled rubber based traffic control mouldings and safety matting to trafficable substrates. Bonding wood to wood, concrete and some metals.
<b>COLOUR</b>	Beige
<b>FEATURES</b>	Highly thixotropic for no-slump application Extremely high bond strength Rapid cure- usually allowing careful traffic/unclamping in 4 hours Good wet grab and firm initial hold Suitable for intermittent immersion service in water once cured Low smell Low foaming (high density foam) to gap fill Low VOC New technology
<b>SURFACE PREPARATION</b>	Surfaces should be clean and sound. Contact Uroxsys for specific recommendations. Contractors should test lay a typical sample and do a destructive pull test to confirm adequate adhesion to a given substrate.
<b>MIXING RATIO</b>	Single pack. Cures by reaction with moisture from the atmosphere and the substrate.
<b>APPLICATION</b>	<b>Sausages:</b> <b>Suitable</b> for use in a standard sausage gun. <b>Take care to grease threads on gun, and prevent getting Super C on the threads.</b> If dispensing manually, massage to fluidise product, puncture sausage near an end with a nail or sharp blade and then squeeze out as required. Aim for a 6mm diameter bead, at a spacing that allows for an effective footprint of 100% of the covered area once the surface is bedded in. Alternatively, spread with notched trowels as detailed below. Fasten, clamp, or weight to secure during cure.  <b>Bulk:</b> Remove foil bag from container, and massage to fluidise contents. Cut corner off bag sufficient to express adhesive as required. Fold and clamp foil to seal after use. Alternatively, cut foil bag so that the foil can be folded back to allow the adhesive to be sliced off using the application trowel. Fold foil back over exposed adhesive after use, and keep in sealed bucket as supplied.  Trowel onto substrates with a suitable notched trowel. The product is highly thixotropic in the container, but quickly breaks down to an easy trowelling no-slump consistency with when applying. A good starting point for trowel configuration is 5mm wide by 6mm high V notches at 25mm centres. For smaller objects such as finger parquetry, use 3 mm x 3 mm at 10mm centres to ensure a continuous adhesive bed.

Lay directly onto prepared glue with minimum of sideways movement.  
Bed in firmly to ensure effective contact with all surfaces to be bonded.  
Fastening or clamping is recommended to secure during cure if required.  
Remove excess promptly. Do not return mixed product to resin container.

Consult Uroxsys for specific recommendations.

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- Packaging:** 12kg plastic pails with foil bags, and 600gm sausages
- Coverage Rate:** 1 ½ -2 m<sup>2</sup> per litre, dependent on end use. A sausage is generally sufficient for 1 m<sup>2</sup> of parquetry or strip flooring overlay, and the 12 KG pail will cover 20 m<sup>2</sup>  
Higher build rates (for gap filling) are possible, but should not exceed 5mm thickness.  
Thicker glue lines generally take longer to cure because of moisture transfer difficulties. Consult Uroxsys Ltd for advice.
- Cure Time:** **See notes below \***  
Normally initial set in 4 hours (trafficable with caution), safe to traffic after 12 hours.  
Full cure 7 days.
- \*Notes**  
Product needs moisture in at least one substrate to effect cure.  
Cure will be slower in wide joints, at low temperatures (< 5° C) in low humidity and when used on moisture impervious surfaces.  
Consult Uroxsys for specific advice under these conditions.
- Working Time:** Approximately 30 minutes once applied, depending on ambient conditions.
- Tack Free Time:** 1.5 to 2 hrs @ 25°C and 60% RH
- Shelf Life:** One year in unopened containers. Opened pails may skin and this may be cut off and remaining product used.
- Clean Up:** Clean up frequently using Uroxsys Polyurethane Brush Cleaner before product has set on equipment.
- SAFETY DATA:** Wear protective clothing. **Gloves are essential.** Avoid contact with skin. For further information refer to material safety data sheet.

This information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

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