

## TECHNICAL DATA

### BONDUROX C POLYURETHANE ADHESIVE

<b>DESCRIPTION</b>	A single pack moisture curing polyurethane based adhesive.
<b>USES</b>	Bonding wood to wood, MDF and concrete for flooring overlays.
<b>COLOUR</b>	Grey
<b>FEATURES</b>	Excellent bond strength Rapid cure Good wet grab and initial hold Low smell Designed to expand (high density foam) to maximise bond footprint
<b>SURFACE PREPARATION</b>	<p>Concrete surfaces should be clean and sound. The best possible surface preparation is by diamond grinding. If moisture migration through the slab is apparent or suspected, the source of the moisture should be identified and remedied. Seal the surface with Uroxsys water vapour barrier epoxy system, to limit WVT rate to less than 15g / m<sup>2</sup> / 24h.</p> <p>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. See General Application Notes for further information.</p> <p><b>Moisture Content:</b> Timber should be laid at the expected equilibrium moisture content for the situation. BRANZ have a number of excellent publications on this subject.</p> <p>Concrete substrates should have an effective moisture barrier (not punctured) and be at equilibrium when overlaid.</p> <p>Edge boards should be well fastened to minimise damage to the floor in the event of accidental flooding.</p>
<b>MIXING RATIO</b>	Single pack.
<b>APPLICATION Tubes:</b>	Recommended for joists and battens. Puncture tubes near an end with a nail. Squeeze out as required. Aim for a 6mm diameter bead, at a spacing that allows for an effective footprint of 80% of the covered area once the overlay is bedded in. Fasten or weight to secure during cure.
<b>Bulk:</b>	<p>Trowel onto substrates with a suitable notched trowel. A good starting point for strip overlays is 5mm wide by 6mm high V notches at 25mm centres. For thinner parquetry products, 3 x 3 at 10mm centres.</p> <p>Consult Uroxsys for specific recommendations. Lay directly onto prepared glue with minimum of sideways movement. Remove excess promptly. Do not return mixed product to resin container. Fastening is recommended to secure during cure.</p>

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<b>Packaging:</b>	14kg plastic pails and 700gm sausages
<b>Coverage Rate:</b>	1 ½ -2 m <sup>2</sup> per litre, dependent on end use.
<b>Cure Time:</b>	Normally floors can be walked on after 12 hours. Full cure 7 days.
<b>Working Time:</b>	Approximately 30 minutes once applied, depending on ambient conditions.
<b>Shelf Life:</b>	Six months in unopened containers. Opened containers may skin and this may be cut off and remaining product used.
<b>Clean Up:</b>	Clean up frequently using Uroxsys Polyurethane Brush Cleaner before product has set on equipment.
<b>SAFETY DATA:</b>	Wear protective clothing. <u>Gloves are essential</u> . Avoid contact with skin. For further information refer to 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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