

# WOODLOK WL3090 Polyurethane Gel Adhesive

Next generation WOODLOK 3000 Series, is a waterproof, thixotropic gel polyurethane construction adhesive.

Ready to use single part adhesive uses the latest technology to deliver extreme bond strength and hard glue lines.

Mainly used for wood to wood applications but is also an excellent adhesive for bonding MDF, particle board flooring, concrete, marble, granite, stone, fibre cement board, brick, tiles, glass, fibreglass, aluminium, metals, rubber, polystyrene foam and most other construction substrates.

Uses include window and door timber joinery, furniture, shop fitting, stairs, cabinetry, particle board flooring systems, building, construction, marine, masonry, landscaping, insulation panels and components, benchtop manufacturing and many others.



## PHYSICAL & CHEMICAL PROPERTIES:

Chemical Description :	Polyurethane
Appearance :	Translucent
Typical Viscosity:	Thixotropic Gel
Solids Content	100% (Solvent Free)
Open Time @ 25°C	20 mins
Cure Time @ 25°C	90 mins (48 hours for full cure)
Shelf Life :	12 Months
Sizes:	300ml Cartridge / 12 per carton

## SUBSTRATE PREPARATION:

All surfaces to be glued must be clean and dry and free of foreign matter.

## APPLICATION:

For best results, temperatures should be above 8°C for both the work area and the stock being used.

The adhesive requires moisture to cure, if using extremely dry or non-porous substrates, wipe one side with a damp cloth prior to joining substrates.

Apply a thin bead of adhesive to one of the surfaces. Join the surfaces within 2 minutes and clamp, press, pin or screw.

## PRESSURE:

Clamp or weight for a minimum of 120 minutes but for best results clamp for as long as possible.

DO NOT over clamp as glue starvation may result.

## SETTING TIME:

The cure time will be 90 minutes @ 25°C. Cure times will be a lot quicker at elevated temperatures especially above 35°C. Lower temperatures will produce a much slower curing time. Full cure is 48 hours.

## SPECIAL NOTE:

Open times and cure times double if used at 10°C

Open times and cure times half if used at 35°C

## CLEAN UP:

Use Acetone or Polyurethane Foam cleaner for cleaning tools and spills. Always wear gloves when using this product. Cured adhesive can be cut or sanded away for a clean finish.

## HANDLING & STORAGE:

Product should be stored between 5°C and 25°C in a cool, dry area. Keep out of direct sunlight and away from sources of heat.

## SHELF LIFE:

Best used within 12 months from date of manufacture when stored under the above conditions in the original unopened containers.

## LIMITATIONS:

Not recommended for PE, PP or Bituminous substrates. Always test compatibility of adhesive with substrates which have not been used or tested before.

## CAUTION:

Contains no isocyanate. Epoxy resins and amine resin hardener constitute the reactive components of this system. Use disposable plastic gloves to avoid skin contamination. If resin comes into contact with skin, wash uncured resin off with an Industrial hand cleaner. Epoxy solvent should never be used to wash hands. Wear safety glasses to avoid eye contamination.

Can cause topical dermatitis if in prolonged contact with skin. Wear safety glasses to avoid eye contamination.

INDUSTRIAL GRADE ADHESIVES FOR THE PROFESSIONAL

# WOODLOK™

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## WOODLOK PRODUCT RANGE

There are other adhesives within the WOODLOK range. These all have different attributes and need to be selected according to your requirements.

## WOODLOK 3010 Polyurethane Gel Adhesive

Open Time: 2 min / Cure Time: 10 min / Clamp Time: 30 min / Full Cure : 48 hrs

## WOODLOK 3030 Polyurethane Gel Adhesive

Open Time: 10 min / Cure Time: 30 min / Clamp Time: 60 min / Full Cure : 48 hrs

## WOODLOK 3090 Polyurethane Gel Adhesive

Open Time: 20 min / Cure Time: 90 min / Clamp Time: 120 min / Full Cure : 48 hrs

## WOODLOK 2200 Aliphatic Resin

Cost effective Aliphatic with long open time of up to 15 minutes. Excellent for laminating full sheets of MDF and Particleboard. General purpose.

## WOODLOK 2300 Premium Aliphatic Resin

High strength, fast setting Aliphatic for general use. Excellent all-rounder and our most popular WOODLOK product.

## WOODLOK 2400 Hardline Aliphatic Resin

High strength, fast setting Aliphatic which dries to a hard glue line. Best sandability.

## WOODLOK 2500 D3 Crosslinking Adhesive

Water resistant (D3) crosslinking adhesive cures to form a tough, heat resistant (100°C) bond. Excellent all-round to interior and exterior use. Used for bonding HPL laminate to MDF or particleboard.

## WOODLOK 2550 D3 Crosslinking High Viscosity

Higher viscosity (thicker) version of the WOODLOK 2500 Crosslink. Longer open time.

## WOODLOK 3150 Melamine Adhesive (NEW)

Ready to use, single pack adhesive formulated for bonding synthetic laminated panels (Melamine) to MDF, particleboard and other porous substrates. Easy to apply and dries clear.

## WOODLOK 3500 (4 hours cure) Polyurethane Glue

## WOODLOK 3600 (30 min cure) Fast Polyurethane Glue

Moisture cure interior / exterior polyurethane adhesive. Waterproof and resistant to heat and chemicals. Bonds virtually any surface like metals, stainless steel, wood, stone, glass, most plastics and other difficult surfaces.

## WOODLOK 8000 Marine Grade Structural Epoxy

Easy mix 1:1 thixotropic epoxy for bonding wood, concrete, fibreglass, stone and marble, metals and some plastics.

## WOODLOK GLAZEAWAY Solvent Cleaner

Solvent for final cleaning PVC edges and counter tops.

## WOODLOK DSOLVAWAY Citrus Cleaner

Citrus cleaner for final cleaning PVC and ABS Edges and tops. Low odour, high performance surface cleaner.

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