

Technical Data Sheet

ARO-BOND® 905

FAST SET PU ADHESIVE GEL



ARO-BOND® 905 IS A ONE PART, CARTRIDGE-LOADED, SOLVENT FREE, FAST SETTING, MOISTURE CURING POLYURETHANE, THIXOTROPIC GEL

ARO-BOND® 905 HAS BEEN FORMULATED FOR HIGH PERFORMANCE WATER-RESISTANT BONDS BETWEEN A WIDE RANGE OF MATERIALS

THE THIXOTROPIC NATURE OF THE GEL PREVENTS SLUMPING AND GIVES A LEVEL OF GAP FILLING TO THE BOND. ARO-BOND® 905 HAS EXCELLENT ADHESION TO WOOD, CHIPBOARD, POLYURETHANE, MINERAL WOOL, CONCRETE, STONE, BRICKS, GYPSUM BOARDS AND ALL TRADITIONAL POROUS SUBSTRATES AND CAN BE USED IN A WIDE RANGE OF BONDING APPLICATIONS. ARO-BOND® 905 IS IDEAL FOR ALL TYPES OF WOOD BONDING AND JOINERY, BONDING WOODEN CONSTRUCTIONS, BOATS, JOINTING SANDWICH PANELS, AND INSULATION AS WELL AS MANY OTHER APPLICATIONS.

BENEFITS

- Non-slumping, ready to use, gel
- Solvent free
- Totally non flammable
- Fully waterproof to EN204 D4
- High performance bonds between a wide range of materials
- Excellent weathering and aging properties
- Foams slightly to fill gaps
- Excellent chemical resistance

TECHNICAL DATA

Total solids:	100% (solvent free)
Specific gravity:	1.07
Viscosity:	Thixotropic gel
Skinning time:	5 mins @23°C and 50% RH
Temperature resistance:	-30°C to +100°C
Application temperature:	5°C to 35°C

AVAILABLE SIZES

Cartridge:	310 ml
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AVAILABLE COLOURS

Colour: **Milky**

PREPARATION AND APPLICATION

At least one of the surfaces to be bonded must be porous and ensure surfaces are always clamped during cure.

Firstly cut tip of the cartridge and screw on the nozzle. Cut nozzle to an angle of 45 degrees. Apply the adhesive, using a standard cartridge gun, to one of the surfaces to be bonded and assemble the bond immediately (within 5 minutes). Apply pressure to the bond, by means of a clamp. The product will foam slightly on application to fill any small gaps. Clean away any excess adhesive immediately.

Under normal conditions the gel will skin over after approximately 5 minutes and give a handleable cure within 10 minutes and final bond strength achieved in 12 hours.

HANDLING & STORAGE

The product should be stored unopened in a dry condition at a temperature of 10 - 25°C. This will ensure the stated shelf-life of 12 months. The adhesive will have a limited life once the container is opened.

Important

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience. The variety of materials used and the different work conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend performing sufficient tests or a pilot run. We gladly provide technical advice.

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