

# A2024

WATER-BASED RETREAD ADHESIVE



## PRODUCT INFORMATION

Alpha A2024 Adhesive is a water based adhesive containing a rust inhibitor, suitable for bonding old rubber to new rubber, e.g. in the repair of conveyor belts, or manufacture of retread tyres. This product gives enhanced tack for side walling.

A2024 also features a built in indicator to determine the correct time to bond the rubber materials during retread.

## KEY INFORMATION

- **Ideal for tyre rubber bonding, repair and retreading**
- **Built in indicator to show optimum time to bond**
- **Safe to use and environmentally friendly**
- **Contains a rust inhibitor**

## TYPICAL APPLICATIONS

Alpha A2024 can be used in the following applications:

- Tyre retreading and repair
- Vulcanised rubber bonding

## PRODUCT CHARACTERISTICS

The following technical information and data should be considered representative or typical only. Therefore, the information should not be used for specification purpose.

Property	Data
Colour	Wet: White Dry: Clear
Base	Natural Rubber Latex
Consistency	Liquid
Specific Gravity (20°)	0.975
Total Solids Content	49 – 53 %
Viscosity (20° C)	<100 cP
Open Joint Time	10 to 20 minutes
Coverage	up to 10 tyres / litre (dependent on size of tyre)



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HANDLING & APPLICATIONS

The general application information presented here is based upon typical conditions determined by Alpha Adhesives & Sealants testing. Our recommendations on the use of this product are based on methods believed to be reliable. It is advised that users conduct their own tests to determine the suitability of the product for their specific application.

Process Step	Guidelines
Surface Preparation	The strength and durability of the bond is dependent on proper surface treatment of the tyre surfaces to be bonded. The tyre surface should be buffed and cleaned prior to application of the adhesive. All surfaces to be bonded should be dry, clean and free from dust, grit, wax, grease or oil before hand.
Adhesive Application	A2024 can be applied using a conventional air assisted spray gun system that must not contain any brass or copper parts. The A2024 adhesive should be applied evenly to the tyre, ensuring that no runs or drips are present. Drips or runs slow down the drying process. The tyre is ready to retread when the adhesive film has completely changed from white to clear with no white specks present. If the tyre is retreaded when white specks are present the new tread will blow at the points where there was water present.
Curing	Bonded assemblies should be left for 7 days before physical testing is conducted.
Cleaning	For wet material, it is advised that any spillages be cleaned up immediately with soapy water before the adhesive can fully dry.

HEALTHY & SAFETY INFORMATION

Alpha A2024 is not classified as hazardous according to Directive EC 1272/2008. Please refer to the Alpha A2024 Safety Data Sheet for further health & safety information.

STORAGE

Alpha A2024 should be stored in its original container, with the lid tightly secured, in dry conditions and at temperatures between 5°C and 25°C. Alpha A2024 will keep satisfactorily for up to 12 months from date of manufacture if stored according to the recommended conditions.

PRODUCT AVAILABILITY

Product Reference	Pack Size	Container	Box Quantity
Alpha A2024	205 L	Drum	N/A
Alpha A2024	25 L	Plastic Polykeg	N/A
Alpha A2024	20 L	Gravity Box	N/A

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