



# Anchorstik WB283

## Waterbased Sprayable Adhesive

Anchorstik WB283 is a single component sprayable adhesive that provides instant grab and high heat resistant bonding. Sprayable through air assisted equipment free of copper & brass. It is based on novel water-based dispersion technology that is safe to use. It contains no solvents or isocyanates and conforms to the latest environmental legislation. Anchorstik WB283 can be used on a variety of substrates to give instant bonds characterised by high strength once fully cured. It has found use in bonding the following substrates.



### Key Benefits

- Environmentally Friendly
- Instant Grab
- Ideal for porous substrates
- High Resistance from -40°C to 140°C
- Excellent adhesion from porous to non-porous materials

Property	Data
Colour	White
Base	Polychloroprene Latex
Consistency	Liquid
Specific Gravity (20°C)	1.10
Total Solids Content	53 ± 2 %
Viscosity (20°C)	250-550 cP
Open Joint Time	Porous Substances: Instant to 5 minutes* Non-Porous Substrates: 10 to 15 minutes*
Cure Time	7 Days
Heat Resistance	-40 to 140°C
Coverage	10-15 square metres/litre*

\*dependent upon ambient temperature, relative humidity and the materials used. This information is considered representative and should not be used for specification purposes.

### Typical Applications

- Automotive industry for the production of trim application such as car panels, seats, headrests and headliners.
- Marine industry for trimming applications on a wide variety of fabrics to wood, metal and composite materials.
- Bonding foam-based insulation panels to plasterboard.
- General purpose adhesive where high temperature resistance is a preference.



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Test	Substrates	Results/Observations
Bull Nose Adhesion Test	PU Foam to PU Foam	Instant grab; substrate failure at 5 minutes
T-Peel Adhesion Test	Leather Cloth to Leather Cloth	35 N/25mm (20°C) 25N/25mm (120°C)
90° Peel Adhesion Test	Leather to Steel	20 N /25mm O substrate failure (Leather)
90° Peel Adhesion Test	Leather Cloth to Steel	30 N/25mm
180° Peel Adhesion Test	Leather to Steel	20 N /50mm O substrate failure (Leather)
180° Peel Adhesion Test	Leather Cloth to Steel	50 N/50mm
180° Peel Adhesion Test	Leather Cloth to Steel	75 N/50mm

*The general application information presented here is based upon typical conditions determined by suppliers 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.*

### Surface Preparation

- Mechanical abrasion is advised when using non-porous substrates such as metals, plastics etc. All surfaces to be bonded should be dry, clean and free from dust, grit, wax, grease or oil.

### Application

- This can be applied using a suitable spray delivery system. Any spray equipment used must be free of copper and/or brass pipework or fittings, as this will cause the adhesive to coagulate. For best bond performance, when applying this, an even coat should be applied to both substrate surfaces.
- Non-porous substrates (e.g. metal, plastics) This should be applied in two to three thin passes to ensure optimal coverage. Once applied, the applied adhesive should be left until touch dry (approximately 10 to 15 minutes depending on substrate).

- Porous substrates (e.g. wood, leather) WB283 should be applied in two to three thin passes to ensure optimal coverage. Once applied, the applied adhesive will be ready to bond and should be left until touch dry (approximately instant to 5 minutes depending on substrate). Assemble the bond and consolidate with pressure to assure a good contact across the entire bond surface. The use of a nip-roller is recommended for ensuring optimum contact is achieved across the bonded area.

### Curing

The bonded parts will have sufficient strength for moving, machining and trimming within 15 minutes depending upon the porosity of the substrates. Bonded parts 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.



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### Further Notes

**Storage and Handling :** Anchorstik WB283 should be stored in its original container, with the lid tightly secured, in dry conditions and at temperatures between 5°C and 25°C. Anchorstik WB283 will keep satisfactorily for up to 12 months from date of manufacture if stored according to the recommended conditions.

**Health and Safety:** Anchorstik WB283 is not classified as hazardous according to Directive EC 1272/2008. Please refer to the Anchorstik WB283 Safety Data Sheet for further health & safety information.

**Temperature and Timings :** All information on temperature and timings represent normal working conditions are only provided as guidance. Please contact Redwood UK if you wish to operate outside of these conditions.

**Disclaimer :** Redwood has taken care to ensure that the information provided is correct and up to date, however, it is not intended to form any part of a contract or guarantee. Prior to use in production all test results must be completed with relevant paperwork complete. Please ensure that all datasheets and hazard labels have been understood prior to using the product.



### Packaging:

Anchorstik WB283 is supplied in 20L containers.