

# Technical Data Sheet

## WBA 1510

<b>Description</b>	WBA 1510 is a water-based synthetic resin emulsion adhesive. This is a one component, formaldehyde free adhesive and can be applied by coating technique.	
<b>Key Features</b>	<ul style="list-style-type: none"><li>● Ready to use</li><li>● 100% aqueous</li></ul>	<ul style="list-style-type: none"><li>● One component</li><li>● High bond strength</li></ul>

	Property	Value
<b>Typical Physical Properties</b>	Colour & Appearance	Milky white emulsion
	pH	7.0 ± 1.0
	Viscosity at 30°C (cPs; RVT#2/20rpm)	16-18
	Solids (%) at 105°C / 3 hrs.	45± 2.0
	Film appearance (dry)	Slight hazy to clear
	Shelf life (25°C)	6 months (sealed container)
	Freeze/thaw stability	Protect from freezing
	Specific gravity at 30°C	1.0 - 1.05

	Parameter	Description
<b>Recommended Operating Conditions</b>	Hardener WBH 15	1%
	Adhesive coating GSM (dry)	2.5 - 3.5
	Curing temperature	Ambient

<b>Recommended Operating Guidelines</b>	Laminated finish substrates are suggested to be cured at ambient temperature for at least 24 hours
<b>Mixing Guidelines</b>	Mix. well before use. It can be diluted with DM water to adjust the viscosity of <b>WBA 1510</b> adhesive as per required application viscosity and adhesive coating GSM. It is recommended that adhesive be mixed well prior to use to help ensure product uniformity.

Note: Recommend prior tests be conducted before production.

Disclaimer: These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user(s) determine the suitability of our materials and suggestions before adopting them on a commercial scale.