

## technical data



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MOLD RELEASES & INTERNAL LUBRICANTS

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# MOLD WIZ

## AB50

## ANTI-BLOCKING AGENT

**General:** AB50 Anti-blocking additive is specially formulated for saturating papers used for the decorative laminate industry. AB50 Anti-block eliminates undesirable tackiness and will allow easy unrolling or unstacking of saturated papers for processing through the laminate press cycle. Treated papers may be easily separated and handled as required.

**Use:** Melamine, Urea and Phenolic Formaldehyde water and water / alcohol-based resin systems.

**Composition:** Proprietary resin emulsion of polyolefins and fluoropolymer in combination with wetting agents and surfactants in a water vehicle.

### TYPICAL PROPERTIES:

<b>NON-VOLATILES:</b>	<b>27.5 – 32.5%</b>
<b>COLOR:</b>	<b>Off White</b>
<b>SPECIFIC GRAVITY:</b>	<b>1.040 @ 25°C</b>
<b>VISCOSITY:</b>	<b>&lt; 50 cps @ 25°C</b>
<b>pH:</b>	<b>8.28</b>
<b>FLASH POINT:</b>	<b>Non Flammable</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### Application Instructions:

#### **DILUTING AB50:**

AB50 Anti-blocking is a concentrate. AB50 Anti-blocking needs to be 1) mixed first and then 2) diluted with 4 parts of cold water and 1 part of pre-mixed concentrate. The dilution needs to be mixed until universally dispersed. 3) The dilution will need to be remixed before each use.

#### **ADDING DILUTION TO THE RESIN:**

For best results, laboratory tests or pre-production trials should determine the optimum addition level depending on anti-blocking effect required. Add between 1.8 to 5 grams of AB50 dilution per one(1) kilogram of resin.

All information given by AXEL about our products is based upon our tests and experience. It is intended for use by persons having technical skill at their own discretion and risk, and we assume no liability in connection with their use.

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