

## technical data



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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# MOLD WIZ INT-2E/ATS

**General:** A process aid additive with surfactant properties which is added directly into the aqueous resin solution. The addition of this process aid additive gives the resin improved wetting properties of the paper or substrate being impregnated, reducing or eliminating voids and dry spots. The process aid additive will not interfere with adhesion properties between paper laminates. It will function as an excellent release agent causing the laminate to release easily and cleanly from the caul plate without leaving any residue. **This product contains no silicone, no wax and no metallic stearates.**

**Use:** Melamine, Phenolic & Urea aqueous resin systems.

**Note:** Especially formulated to improve mar and scratch resistance of Laminates.

**Composition:** Proprietary emulsified product of organic fatty acids, esters and amine with wetting agents and surfactants in a water vehicle.

### TYPICAL PROPERTIES:

<b>EFFECTIVE INGREDIENTS:</b>	<b>18%</b>
<b>SOLIDS:</b>	<b>16 – 22%</b>
<b>COLOR GARDNER:</b>	<b>Off White</b>
<b>SPECIFIC GRAVITY:</b>	<b>1.00 @25°C</b>
<b>VISCOSITY:</b>	<b>&lt; 300 cps @25°C</b>
<b>pH:</b>	<b>10.0</b>
<b>FLASH POINT:</b>	<b>Non-Flammable</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### Application Instructions:

**General:** For best results, laboratory tests or pre-production trials should determine the optimum addition level. Recommended usage for: Melamine/Urea aqueous resin = 0.015 – 0.05% and Phenolic = 0.25% to 1.00% process aid additive based on solids of internal to solids of resin solution.

All information given by us 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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