

WinBLEND

Coatings Formulation & Optimization Software

WinBLEND is a unique surface coatings formulation and optimization software package specifically developed to assist coatings technologists to effectively develop products within specific guidelines.

Developed in Australia by a surface coatings Chemist with over fourteen years experience in developing architectural, industrial and specialty finishes, **WinBLEND** is the first software to incorporate many of the features previously desired by professional formulators.

Features of **WinBLEND** include:

- Raw material supplier database maintenance including full contact details of sales, technical and account representatives
- Maintenance of a comprehensive range of useful raw material properties including specific gravity, cost, supplier, solubility parameters, etc.
- Easy entry and editing of coatings formulations.
- "On the fly" calculation of formulation constants during formulation entry.
- Full history of all formulations is maintained so that any previous version may be accessed at any time.
- One step scaling of formulation batch sizes to any quantity.
- Recording of quality control data for batches with full statistical analysis.
- Raw material optimization for ingredients within a formulation.
- Reformulation wizard capable to adjusting percent solids by volume (NVV) or pigment volume concentration (PVC) whilst maintaining levels of ingredients based on total formulation volume, pigment weight and/or binder weight.
- Graph of solvent concentration of each individual solvent in a blend throughout the evaporation process.
- Graph of solubility parameters throughout the evaporation process.
- Prediction of binder solubility throughout the evaporation process.
- Any formulation may be used as a raw material (intermediate).
- Ability to enter two pack formulations.
- Formulation hard copy printing including full processing instructions, formulation parameters and quality assurance parameters.
- Formulation ingredients may be entered by either weight or volume.
- Singular software model eliminating the need to purchase numerous modules to meet your computerized formulation needs.
- International support. Metric and US units.
- Easy to use graphical user interface.

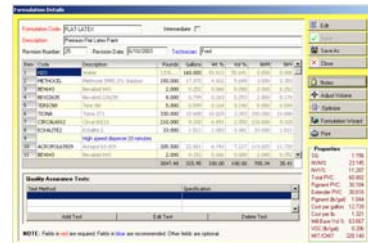
Benefits of Using **WinBLEND** include:

- Keep track of the full development cycle through maintenance of full formulation development history.
- Minimize errors through accurate calculation of many regularly used coatings parameters.
- Save money through fast optimization of formulation ingredients.
- Avoid unnecessary and costly technical service calls by visually displaying solvent evaporation profile during the drying process and identifying potential binder precipitation issues.
- Save development time with the ability to apply changes to a formulation and immediately view the effects on factors such as PVC, NVV and cost.
- Ensure consistent quality through statistical tracking of quality control results.

Screen Shots



Main screen showing raw material list



Formulation entry screen

SYSTEM REQUIREMENTS

- Pentium II 350 or higher recommended
- Minimum 32Mb RAM
- Windows 2000 or XP
- 20Mb free hard disk space

Australian
coatings
Resources

126 Queen Street
Oberon NSW 2787
Australia
Telephone 0438 254 500
www.coatings.net.au
admin@coatings.net.au

