



# EVOLUTION 500-1-XX (Formerly 8500)

## EXTERIOR FLAT

### Product Description

Our finest 100% pure acrylic resin is formulated with the most advanced technology to create Evolution. Evolution has our highest solids content to provide lasting durability. Highly washable, superior color retention, excellent adhesion and improved resistance to mold, mildew and algae. Covered by our Lifetime Warranty (see label).

**Bases Available: 500-1-10 White, 500-1-20 Medium, 500-1-30 Accent, 500-1-40 Neutral**

### Performance Features

- Superior Adhesion and Color Retention
- Highest Quality Acrylic Co-Polymer Resin
- Formulated for the Pacific Northwest Climate
- High Film Build for Superior Coverage
- Washable - Resists Dirt Pick-up
- Low Temperature Application to 35° F

### Compliance - Performance - Certification

- ✓ Meets MPI GPS-1
- ✓ Meets Green Seal GS-11 VOC Limits
- ✓ Meets CARB VOC Limits
- ✓ SCAQMD Compliant
- ✓ **Member: National Paint Alliance (NPA)**

### Product Specifications

|                             |  |
|-----------------------------|--|
| Resin Type:                 | 100% Acrylic Co-Polymer  |
| Color Range:                | White and Custom tints   |
| Finish:                     | <5 @ 85°<br>MPI Gloss Level 1                                  |
| Drying Time:                | To Touch: 30 minutes<br>(70° F. & 50% R.H.) To Recoat: 2 hours |
| Practical coverage:         | 450 sq. ft. per gallon   |
| Recommended Film Thickness: | Wet: 3.5 – 7 mils<br>Dry: 1.5 – 3.0 mils                       |
| Weight per Gallon:          | 12 lbs.  |
| Solids by Weight:           | 60% ± 2%   |
| Solids by Volume:           | 43% ± 2%   |
| Sizes:                      | One and Five gallon containers                                 |
| V.O.C.                      | 38 grams per liter   |
| Clean Up:                   | Water  |

### Surface Preparation

#### General:

All surfaces must be cured, firm, dry and cleaned free of loose paint, dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating.

De-gloss shiny surfaces by lightly sanding\*. Repair cracks and fill voids.

*\*See warning for existing lead-based paint under Precautions.*

**New Surfaces:** Follow general surface preparation guidelines. New concrete or stucco should be allowed to cure for 30 days prior to painting. Moisture content should be less than 12 % as measured with a moisture meter and the pH should be between 7 and 11. Remove all laitance and efflorescence before priming with the appropriate primer.

**Previously Painted Surfaces:** Follow general surface preparation guidelines. Remove loose or failing paint and spot prime bare areas or entire surface with the appropriate primer. Hard, glossy surfaces may require sanding and/or a bonding primer.

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**MILLER PAINT COMPANY 12812 NE WHITAKER WAY PORTLAND OR 97230  
1-800-852-3254 [www.millerpaint.com](http://www.millerpaint.com)**

# EVOLUTION 500-1-XX SERIES (cont.)

## Recommended Primers

### Cementitious Siding, Concrete, Stucco & Masonry

PRIMER: 620-0-11, 470-0-11

### Concrete Block:

PRIMER: 481-0-11 Block Filler

### Wood:

PRIMER: 620-0-11, 470-0-11

### Ferrous Metal, Galvanized Metal or Aluminum:

PRIMER: 310-2-10

### Gypsum Wallboard:

PRIMER: 620-0-11, 470-0-11

*OTHER PRIMERS MAY BE APPROPRIATE. CONTACT YOUR MILLER PAINT REPRESENTATIVE FOR DETAILS*

## Application:

- **Brush:** Use a Nylon/Polyester Brush
- **Roller:** Use 3/8" – 3/4" nap synthetic cover
- **Spray – Airless:** Use .017" - .021" Tip Size

Spraying and Backrolling is recommended on new flat work.

Do not apply when material, air, and/or surface temperature is below 35°. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks. Keep product from freezing.

## Thinning

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

## Precautions

**WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

**USE ONLY WITH ADEQUATE VENTILATION.**

**KEEP OUT OF REACH OF CHILDREN.**

## WARRANTY

Limited Warranty: Miller Paint Company, Inc. warrants to the purchaser that this product will provide satisfactory performance when applied according to label directions. If this product does not perform to specifications, return unused portion along with sales receipt to place of purchase. As the sole remedy to purchaser, dealer will, at its option: provide additional product to correct affected areas, replace with product of equal value or refund the purchase price paid for this paint product. Failures caused by poor surface preparation, improper application or a breakdown of the underlying surface of previous paint film are not covered by this warranty. ***THIS WARRANTY SPECIFICALLY EXCLUDES LABOR OR COST OF LABOR OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ASSOCIATED WITH THE USE OF THIS PRODUCT.***

## DISPOSAL

Never pour leftover coating down any sink or drain – use up material on the job or seal can and store safely for future use. Do not incinerate closed containers. For specific disposal or recycle guidelines, contact your local waste management agency or district. Always attempt to recycle whenever possible.

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