



# EVOLUTION

## EXTERIOR FLAT

### 500-1-XX

(Formerly 8500)

#### PRODUCT DESCRIPTION

Evolution™ by Miller Paint Company is our finest 100% pure acrylic exterior coating. Evolution is our most superior coating for exterior commercial and residential wood, composite and metal surfaces. Formulated with 100% pure acrylic for superior adhesion, washability flow, color retention, our exclusive lifetime warranty\*\* and peace of mind knowing the best paint system is only available at Miller Paint.

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

COMPLIES WITH THE BELOW AS OF 9/1/2018			
SCAQMD	YES	LEED v3	YES
CARB	YES	MPI GPS-1	YES
GS-11	YES	MPI GPS-2	YES
AIM	YES		

#### PRODUCT SPECIFICATION

<b>Resin Type:</b>	100% Acrylic
<b>Color Range:</b>	White and Custom tints
<b>Finish:</b>	<5 @ 85° MPI Gloss Level 1
<b>Drying Time:</b>	To Touch: 30 minutes
<b>(70° F. &amp; 50% R.H.)</b>	To Recoat: 2 hours
<b>Practical coverage:</b>	250-500 sq. ft. per gallon
<b>Recommended Film Thickness:</b>	Wet: 3.5 – 7 mils Dry: 1.5 – 3.0 mils
<b>Weight per Gallon:</b>	12 lbs.
<b>Solids by Weight:</b>	60% ± 2%
<b>Solids by Volume:</b>	43% ± 2%
<b>Sizes:</b>	One and Five gallon containers
<b>VOC:</b>	<50 g/L*
<b>Clean Up:</b>	Water

\* Maximum VOC content for non-tinted paint base is less than 50 g/L (Determined by ASTM Test Method D 6886). VOC content may increase after tinting product.

\*\* Limited Lifetime Warranty. See product label or a Miller Paint Sales Associate for details.

#### FEATURES

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

#### 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.

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

### RECOMMENDED PRIMERS

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#### Concrete, Stucco & Masonry

PRIMER: Not required on properly prepared paintable surfaces

#### Concrete Block:

PRIMER: 481-0-11 Block Filler

#### Wood: For Tannin Bleed/Stain Blocking

PRIMER: 470-0-11

#### Ferrous Metal:

PRIMER: 310-2-10

#### Galvanized Metal or Aluminum:

PRIMER: Not required on properly prepared surfaces

#### Gypsum Wallboard:

PRIMER: Not required on properly prepared surfaces

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

### 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.

### APPLICATION

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**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

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