

Description

Atmosphere 2268 a mat finish, is a 100% acrylic latex paint, superior quality. Specially designed for exterior application, protects surfaces against U.V rays. High permeability maintains natural air circulation for higher durability of the substrate. Atmosphere 2268 is easy to apply and can be used for commercial, institutional and residential projects.

Use

This paint is applicable on vertical exterior surfaces. Atmosphere 2268 must be applied to properly prepared and primed surfaces. It can be applied to wood, concrete, masonry, siding, fences.

Advantages

- Meets Canadian VOC standards
- Designed to let moisture escape through the paint film.
- Can be applied without primer (See Recommended primers section)
- The Thermoplasticity of the film provide an excellent flexibility, that allows the coating to follow the natural movements of wood
- Good color retention and U.V resistance ability
- Water-repellent property makes water bead to protect the surface.
- Resistance to cleaning with warm soapy water.
- Can be applied between 5°C and 30°C
- Contains a preservative that is mildew resistant

Limitations

- Not designed to seal new wood which may bleed such as: (Red cedar, redwood, plywood, recomposed and glued wood, exotic wood or any other wood with bleeding) (see recommended Primers section)
- Avoid application at temperatures below 5 °C
- Do not apply in direct sunlight
- Wait 15 days before carrying out the first cleaning
- Do not mix with other paints
- Do not apply on floors
- Do not apply a darker color than the original to the vinyl siding

Technical Data

| | | |
|--|--|-----------|
| Resin | 100% acrylic | |
| Color | White and Tinted Bases | |
| Solvent | Water | |
| Flash Point | N/A | |
| Inflammability | N/A | |
| Solids by weight | 52 | % |
| Solids by volume | 37 | % |
| VOC | <100 | g/l |
| Gloss | 60° | 2,5-5,0 % |
| Sheen | 85° | 2,5-5,0 % |
| The value is measured from the white. It may vary depending on the color | | |
| Normes | ASTM E96-00 105 perms@9mils EFS(g/jour/m ²) | |

Application Data

| | | | |
|--|--|-----------|-------------------------------|
| <small>*At 25° Celsius</small> | | | |
| <small>Relative humidity at 50%</small> | | | |
| <small>May differ depending on the colour</small> | | | |
| Spreading Rate | 28-37 m ² | | |
| <small>May vary depending on the surface porosity</small> | | | gallon |
| Film Thickness | Wet | 4.0-5.25 | mils |
| | Dry | 1,5-1,95 | mils |
| Drying Time* | Tack free | 1 | hour |
| | Recoat | 4-6 | hours |
| | Cleaning | 15 | days |
| | Final cure | 15 | days |
| Application | Brush | √ | |
| | Roller | 15-30 | mm |
| | Spray airless (Buse 0,017-0,021)* | 2000-2500 | lb/sqin |
| <small>*This data may vary depending on the equipment of a manufacturer.</small> | | | |
| Exterior application and condition | Yes | | |
| Bases 0-1-2 | No rain expected following application | 8 | hours |
| Bases 4-5 | No rain expected following application | 24 | hours |
| Conservation | Temperature between | 10 et 30 | °C |
| Tinted Based | Format | | |
| | 946ML | 3,78L | 18,9L |
| 2268-0 White | √ | √ | |
| 2268-1 White P | √ | √ | max. 2 oz of colorant/3,78 L |
| 2268-2 White M | √ | √ | max. 5 oz of colorant/3,78 L |
| 2268-4 Base D | √ | √ | max. 8 oz of colorant/3,78 L |
| 2268-5 Base A | √ | √ | max. 12 oz of colorant/3,78 L |

Surface preparation

The surface must be dry and clean, without dust, oil, grease, rust and soap. On painted surfaces, it is recommended to clean with a degreaser (T.S.P.) in order to eliminate any contaminant that may harm the adhesion or the curing of the product. Thoroughly rinse the entire surface. The surfaces must be well sanded and dusted.

Presence of mold: Clean the affected area with a mixture of 1-part bleach to 3 parts water. Thoroughly rinse the entire surface and allow the surface to dry.

Wood: The surfaces must be sanded with a grade #80-100 sanding paper to open the wood fibers

New or treated wood having been exposed to bad weather: It is strongly recommended that any apparent or undesirable mold growth be neutralized in order to prevent peeling. Use a mixture of 1 part bleach to 3 parts water, let stand for 20 minutes to take effect, then rinse and allow the wood to dry for at least 24 hours.

Concrete/Masonry: Wait until the concrete and/or masonry has cured at least 30 days before painting it. To improve the paints adhesion to a smooth concrete it is imperative to create a profile on surface. To do so, the surface must be mechanically sanded or washed with a muriatic acid solution then thoroughly rinsed and allow the surface to dry.

Aluminum, galvanized metal: Remove all traces of oxidation (rust), then clean with a degreaser.

Ferrous metal: Clean the surface with a cleaner / degreaser (SSPC-SP1), then rub the surface mechanically (SSPC-SP2) or electric tool (SSPC-SP3) to remove all rust, corrosion.

Aged vinyl and aluminum siding exposed to bad weather: Clean with a TSP degreaser. Use a brush to scrub the surface well. Rinse with clean water. Let dry.

Recommended Primer

Concrete / Masonry: Apply Proline 6006 wood filler to level the surface, or apply directly Atmosphere 2260

Porous Brick: No Primer needed

Wood (EXCEPT: Red cedar wood, redwood, exotic plywood, recomposed and glued wood and any wood with bleeding) (see Limitations): Apply Portico 270 or directly Atmosphere 2260.

Wood with bleeding.: Apply one to two coats of Block Plus 296 alkyd based

Warning: Wood is a natural material and although it is treated, bleeding may recur over time

Pine knots: Seal the pine knots with the Stop Plus 298

Red cedar and redwood: Apply one to two coats of Block Plus 296 alkyd based

Aluminum, galvanized metal: Apply a coat of Adhero Plus 290 or Metal Plus 4700 white

Ferrous metal: Use Iso-Rust 4350 grey or 4370 red or 4700-0 white prior the top coat.

Aged vinyl and aluminum siding exposed to bad weather: Atmosphere 2260 can be applied directly, follow the advice in the Surface Preparation section

Latex paint: No primer is required.

Alkyd pain/Glossy surface: Apply Adhero Hybrid 297

Dark colours: Some dark colours may require the application of a dark tinted primer in order to improve opacity. Adhero Plus 290-2 and 290-4.

Application

This product is ready to be used and does not require dilution. Mix well before use. Apply one coat or two if necessary. Allow a minimum drying time of 4 hours between each coat for light colours and 6 hours for dark colours. In order to properly cover the surface, it is recommended to use a 15 to 30 mm lint free roller depending on the texture of the surface and a quality nylon-polyester brush. Clean the brushes and rollers with lukewarm soapy water following their use.

Maintenance

An annual visual evaluation is recommended. Verify that the wood surface is not impaired or damaged. Should you detect traces of flaking and cracking, lightly sand the surface and apply 2 coats of Atmosphere 2268 in order to restore its original appearance. By proceeding this way, you will prolong the life of your substrate.

Limited Warranty 15 years

This warranty applies if the product is applied according to the technical data sheet's instructions and recommendations on a properly prepared exterior surface. MF Paints commits itself, with the original proof of purchase of where the product was purchased, to reimburse the original value of the product or to replace it with the equivalent quantity of a different product, if the product shows peeling **within 15 years** following the date of purchase.

This warranty will not apply if the surface is or was damaged or was badly prepared or shows structural defects or if the product was applied on damaged paint that shows signs of failure or an incompatibility that could affect the new paint.

This warranty is not transferable and applies only to the original residential owner that has purchased this product. This Warranty does not cover A – expenses resulting from removing or applying the paint, or any other expenses associated to these steps as well as B – any other indirect special fees, accessories or consequential.

Caution

- Keep away from children's reach
- Keep lid closed when not in use
- Avoid freezing

Contact your municipality to dispose of the container in an environmentally-friendly manner.



ATMO°SPHERE

2268

Flat
100% Acrylic Latex

Technical Data Sheet

EXTERIOR