

# Installation Guidelines

One gallon covers approximately 300-400 based on surface porosity.

PRODUCT NUMBER

CONTAINER SIZE

80290 Qt./80190 Gal

80390 5g pail

## USE ON:

Previously painted walls, ceilings, wood and wood trim, fully cured plaster, stucco and masonry. AFM Safecoat Transitional Primer is a premium quality, water-based primer specifically formulated to solve certain application problems without the use of toxic chemicals. Use over oil-based paints in order to transition to water-based top coats.

This primer is designed for applications, indoors or outdoors, over previously painted walls, ceilings, freshly sanded wood and wood trim, fully cured plaster (below 10 pH), stucco and masonry. For new sheetrock, use New Wallboard Primecoat HPV.

Because it has an extremely tight and efficient polymer network, AFM Transitional Primer can be used as a sealer on some, but not all, surfaces that are off-gassing hazardous air pollutants. In combination with AFM Safecoat Zero VOC Paint, emissions can substantially, if not completely be eliminated gradually over the course of one to two weeks.

Over previously painted surfaces AFM recommends one coat of Transitional primer (allow 2-4 hours to dry) When sealing wood knots, apply two coats with 24 hours total dry time and then two top coats of AFM Zero VOC paint. NOTE: For essential oils, air fresheners, hair spray, smoke, pet urine or other organic odors use pigmented or clear shellac followed by two coats of Safecoat paint.

**Testing with small samples is your responsibility and must be done first to make sure there is proper adhesion, appearance and there is no reaction with a previous finish, especially if it is unknown. AFM makes no guarantees that this will perform well over all paints or all finishes and takes no responsibility for applications that have not been tested first or have not followed the manufacturers directions.**

## LIMITATIONS:

Safecoat primers are made without formaldehyde preservatives. Do not contaminate. **Do not use Transitional Primer over Sherwin Williams Promar 200 Zero VOC paint. Do not freeze.**

## SURFACE PREPARATION:

Ideal painting conditions include: dry surface, fresh air flow, 30-50% relative humidity, 65° to 80° F.

Clean surfaces of dirt, grease, mildew and oil.

Surface should be completely dry before application. Surfaces painted with oil based as well as any-glossy latex paint should be sanded to promote adhesion. **Wet sanding is recommended to degloss the surface.** Knot holes and water or rust stains should be spot primed with two coats before undercoating the entire surface. **Always spot test for adhesion over prior coatings.**

## APPLICATION:

Stir well before use; then apply with brush, roller or airless sprayer. Always wear painters mask when spraying. **Thick application, high humidity or conditions other than normal will cause Safecoat to dry and cure more slowly.**

## DRYING/CURING TIME:

While this primer has a low odor when wet, it dissipates quickly as long as the temperature and humidity are normal, i.e. 65-80 degrees F and 30-50% relative humidity. Should the temperature be much lower or the humidity much higher, the curing of this product could take much much longer. While it dries to the touch quickly, full cure can take up to two weeks when conditions are other than normal. NOTE: must dry 2-4 hours before applying top coats.

## HEALTH PRECAUTIONS:

As with all coatings and sealers, keep container tightly closed and out of the reach of children. Do not take internally. Always use adequate ventilation.

## CLEAN-UP:

Clean tools and equipment while they are still wet with a warm soapy water solution. Any unused paint should be stored in air tight container for reuse. Or, add kitty litter to solidify in the can or roll out on a piece of cardboard and leave to dry before disposing. Do not flush excess primer down the sink or toilet.

## PHYSICAL DATA

Physical Description: Low odor, mildly alkaline, white

Solubility in Water: Dilutable

VOC Material: 9 g/l

HAP's (Hazardous Air Pollutants) zero

**If you are chemically sensitive, always test for personal tolerance. Test samples available here:**

**[www.thegreendesigncenter.com/product/afm-2oz-](http://www.thegreendesigncenter.com/product/afm-2oz-)**

**LIMITED LIABILITY:** Liability, whether express or implied, is limited solely to replacement of product shown to be defective when applied in accordance with instructions and shall under no circumstances include liability for labor costs or consequential damages. It is the user's responsibility to determine the suitability and safety of the product for its intended use. This limited warranty may not be modified or extended by manufacturer's representatives, distributors, or dealers of AFM products. We particularly recommend that users always test in small inconspicuous areas before application to the entire surface.

**American Formulating and Manufacturing 3251 Third Ave., San Diego, CA 92103 [www.afmsafecoat.com](http://www.afmsafecoat.com).**

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### **APPLICATION HIGHLIGHTS:**

If you are unsure of any surface, testing with small samples is absolutely necessary. Remove chipped or peeling coatings before application. All wood surfaces should be freshly sanded. Use 60,80,100 or 120 max. grit sandpaper on old wood as needed. Lightly sand newer wood with 120 grit to remove planer marks and open the pores. Lightly sand non-porous surfaces, stained or painted surfaces with 120 grit or 000/0000 steel wool to provide tooth. Always clean the surface with a mild neutral pH cleaner that leaves no residue.

**Do not use a tack cloth that contains solvents.**

**Never apply over stains or sealers that are not fully cured as unwanted reactions may occur. Full curing may take 2-6 weeks.**

**Transitional primer is made for indoor and outdoor use.**

**Transitional primer can be applied over the following surfaces:**

Previously painted oil or water based walls, ceilings and wood work. Properly prepared wood surfaces.

**Transitional primer should not be applied over the following surfaces:**

Concrete countertops, Formica type countertops, ceramic or porcelain tile, ABS or PVC plastics, glass, fiberglass, laminate flooring.

**Do not use if this product has been frozen in the container.** Normal shelf life is one year but proper sealing and storage can sometimes result in longer times.

**Do not use it if it looks strange or smells like spoiled food. Trust your nose.**

**Optimum environmental conditions:**

Temperatures 65-80 degrees F

Humidity 30-50%

Good ventilation

**For best adhesion:**

Apply thin even coats instead of thick coats. Allow 24 hours before applying paint,

**High humidity above 65% can slow dry times by a factor of 2 times. Cooler temperatures can also slow dry time.**

**To reduce hazardous emissions and VOCs.**

Transitional primer in a three coat application can be used to block some VOC emissions of some but not all products.

**Transitional primer will not block emissions from organic odors such as pet urine, smoke, air fresheners or fabric softeners.**

**Testing is absolutely required. Be sure to allow adequate dry time in between coats.**

**Good ventilation will help accelerate dry times and reduce emissions.**

**Under certain conditions Transitional Primer dries very quickly. To avoid dried out tools, don't paint in hot surface conditions. Saturate brushes with water then shake them to remove excess water. On larger projects use multiple brushes always cycling them into a pan of water to keep them wet.**

**If you are chemically sensitive, always test for personal tolerance.**

**Sample orders can be made through your AFM retailer.**

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