



## CLIMATE-SHIELD® INTERIOR WALL COAT

### DESCRIPTION

Climate-Shield® Interior Wall Coats are highly efficient, flexible coatings, designed to protect and waterproof your walls. They are non-toxic, friendly to the environment, and form a monolithic (seamless) membrane that bridges hairline cracks. They are completely washable and resist many harsh chemicals and dirt pick-up. These water-based coatings are made from an acrylic resin system filled with nanospheres. Climate-Shield® Interior Wall Coats can be applied by roller or sprayer. They have superb adhesion, chemical resistance and reduce sound transmission and echo. These coatings come in a variety of architectural colors and leave a beautiful matt finish.

### TYPICAL USES

For regular indoor painting where durability and reduction of the noise factor. Climate-Shield® Interior Wall Coats reduce condensation and help maintain an even level of comfort in the room.

**STANDARD INTERIOR:** Used in most climatic conditions. It has superb fire resistance, chemical resistance and is non-toxic, safe and washable.

### PRIMER

No primer is usually required but it is recommended over porous walls and gypsum board. Follow instructions for proper application and film build-up.

### SURFACE PREPARATION

All surfaces must be clean and free from laitance (efflorescence), dust, dirt, rust, oil and grease. Minimally, surfaces must be cleaned to remove any loose or chipping paint, or any other foreign material prior to coating.

### COLORS

White and any custom color available.

### THEORETICAL COVERAGE (2 Coats)

10.4 m<sup>2</sup> per gallon at 150 microns DFT (112 sf/gallon at 6 Mills DFT)

### DRYING TIME

To set: 20 minutes / Too re-coat: 4 hours / To through: 12 hours

At 24 Deg C (75 Deg F) and 50% relative humidity

### THINNING

None required. Clean water in small amounts of up to 1.2 Liters per bucket may be added to replace evaporation losses or to adjust for spray equipment configuration.

Caution: excessive thinning will cause the coating to lose adhesion and elasticity.



#### EQUIPMENT

Roller or airless spray application is recommended. Very small areas may be brushed.

When Climate-Shield® Interior Wall Coat is applied by brush, three (3) coats cross-brushed is required for adequate protection.

Airless Sprayer:

Tip Orifice:.031 inches

Atomizing Pressure: 2200 – 2500 psi

Fan Spread: 60 Degrees

Pump: Minimum 1 gallon per minute at 2500 psi

Filter: Remove filters and screens

Prime pump with water before attempting to spray Climate-Shield® Interior Wall Coat.

Acceptable equipment includes: Binks Super Hornet, Graco 433 or larger, and many others.

#### METHODS

To assure adequate and uniform coverage, the “spray and back roll” techniques are recommended. Do not cross spray – each coat should be sprayed in the same direction to avoid showing undulations and other imperfections in the walls. Climate-Shield® Interior Wall Coats should be applied in full wet coats.

#### CLEAN UP

Clean tools and equipment with warm soapy water. Rinse with clean water; flush mineral spirits through spray equipment to prevent rusting and to lubricate packing and gaskets.

#### PACKAGING & SHELF LIFE

5USG (18.9L) Buckets. Minimum 2 years (keep from freezing)

#### PRODUCT WARRANTY

##### 10-YEAR LIMITED WARRANTY

The sole remedy for goods not in conformance with any warranty is replacement of the product or return of purchase price. SPM Thermo-Shield INC, shall not be liable for any other damages, including but not limited to labor expenses.

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