



## ShieldAll 1200



### Description

**ShieldAll 1200** is an excellent self-priming white coating for all types of wood, wallboard, concrete, and other construction surfaces. It penetrates porous surfaces quickly. It is a tough and flexible film that has long-term sound adhesion, eliminating any future blistering, peeling, cracking, or chipping off the surface. It breathes well, allowing moisture vapor to permeate the film at recommended coverage rates.

**ShieldAll 1200** has long-term microbial resistance properties which will protect it from fungus, mold, or odor-producing bacteria from growing on its surface. It will provide protection from mold or mildew growth even in damp environments. It does not contain chlorine or other halogens. When tested at 500ft<sup>2</sup>/gal over pine wood by ASTM D 5590 it has zero fungal growth.

**ShieldAll 1200** can be applied in two coats where a uniform, low gloss, white finish is desired. It will greatly improve the water resistance of wood or gypsum wallboard and minimize surface water absorption under wet conditions. It inhibits bleed-through of stains. It will be resistant to cleaning with mildly acidic or alkaline sanitizers such as peracetic acid-hydrogen peroxide-based or sodium hydroxide-based at pH levels below 11.0.

**ShieldAll 1200** is ideal for use in new construction to prevent future mold or mildew growth on its surface as well as strengthen and seal porous and semi-porous construction surfaces. It can also be used in building remediation to restore the integrity of aged and mold- or water-damaged materials and eliminates mold odors when surfaces are cleaned and sealed. It is low in odor and non-hazardous to apply and use.

**ShieldAll 1200** meets the FDA leaching requirements for aqueous food contact when tested by 21CFR 175.300.

### Typical Properties

Color:	White
Consistency:	Brush, roll, or spray
Weight per gallon:	10.0-10.2 lbs.
Total Solids by Weight:	42-44%
Viscosity range:	3000-4000 cps
Coverage Rate:	300-500 ft <sup>2</sup> /gal. (Subject to the smoothness and porosity of the material being coated.)
Drying Time:	(Subject to temperature, humidity, and surface moisture content.)
Set to touch:	30-60 minutes
Dry through:	12-24 hours
Wet Flammability:	No Flash to boiling(212F), ASTM D-93

#### Surface Burning Characteristics (ASTM E-84)

Tested at a coverage rate of 400 ft<sup>2</sup>/gal applied over inorganic reinforced cement board.

Meets NFPA 90A & 90B 25/50 requirements.

Flame Spread Less than 25

Smoke Developed: Less than 50

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# APPLICATION GUIDE

## ShieldAll 1200

### ***Material Preparation***

Apply only to clean, dry surfaces. Keep container closed when not in use. DO NOT THIN.

### ***Surface Preparation***

All surfaces should be thoroughly cleaned to remove all mold, dust, and loose particles. Pre-clean and disinfect mold- or mildew-contaminated surfaces.

### ***Application***

Apply uniformly to building construction surfaces at a rate of 300 - 500ft<sup>2</sup>/gal until a thin, uniform film remains on the surface. OSB and weathered wood require more than new wood or other non-porous surfaces. **ShieldAll 1200** can be sprayed with any airless equipment with a .13-.17 mil reversible spray tip.

### ***Over Coating***

Allow **ShieldAll 1200** to dry completely before over coating with a minimum dry time of 1 hour. A single coat is all that is required for mold protection but better surface appearance and durability can be achieved with two coats. For exterior applications over bare wood, use 200-300ft<sup>2</sup>/gallon.

### ***Clean-Up***

Use fresh water to clean brushes and paint rollers before product dries. Flush spray equipment with a cleaning solution of ½ cup pine oil cleanser, ½ cup sudsy ammonia, and 4 gallons of water. Flush until material exiting pump shows no evidence of **ShieldAll 1200**. Dry product may be removed with solvents such as chlorinated solvents, undiluted pine oil, or citrus-based cleansers.

### ***Limitation***

Store and apply between 40F and 105F. Protect from freezing.

Product shelf life is approximately 1 year when stored between 40°F and 105°F.

Keep out of reach of children.

This product does not protect the user or others against bacteria, viruses, germs, or other disease organisms.

Some loss of whiteness may occur on exterior applications.

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