



Protective Chemistries
INCORPORATED

TECHNICAL DATA SHEET ShieldAll 1060

Description

ShieldAll 1060 is a clear, low gloss top-coating that can be applied over various interior building construction materials including wood, wood composites, gypsum wall board, ceiling tile, concrete, brick, and painted surfaces. It penetrates porous surfaces quickly. It is a tough and flexible clear film with long-term adhesion eliminating any future blistering, peeling, cracking, or chipping off the surface. It is formulated to have excellent stain and water resistance.

ShieldAll 1060 has long-term microbial resistance properties that protect it from fungal or mold growth on its surface, even in damp environments. When tested at 1000 ft²/gal over pine wood or drywall facing by ASTM D 5590 it has zero fungal growth.

ShieldAll 1060 will inhibit water penetration through the sealed surface as well as minimize the accumulation of debris on its surface. It provides an easy-to-clean surface. It is low in odor and non-hazardous to apply and use.

ShieldAll 1060 can also be used in building remediation to restore the integrity of aged and mold- or water-damaged materials and eliminates mold or bacteria odors when surfaces are cleaned and sealed.

ShieldAll 1060 meets NFPA 90A & 90B 25/50 requirements when tested by ASTM E-84. It contains no hazardous chemicals such as heavy metals. The VOC is less than 0.01lb./gallon.

Typical Properties

Color:	White wet, dries clear
Consistency:	Brush, roll, or spray
Weight per gallon:	9.0-9.3 lbs.
Total Solids by Weight:	30-34%
Viscosity range:	1100-1600 cps
Coverage Rate:	700-1000 ft ² /gal.(Subject to surface smoothness and porosity)
Drying Time:	(Subject to temperature, humidity and surface moisture content.)
Set to touch:	20-30 minutes
Dry through:	12-24 hours

Wet Flammability: No Flash to boiling
(ASTM D93) (212°F)

Fungal Resistance Growth Rating-0, applied onto pine wood at 1200ft²/gal
ASTM D5590

Surface Burning Characteristics (ASTM E-84)
Tested at a coverage rate of 1000 ft²/gal applied over inorganic reinforced cement board.
Flame Spread Less than 25
Smoke Developed: Less than 50

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WARRANTY: Seller will not accept liability for more than product replacement or refund. Any claim regarding product defect must be received in writing within 6 months from the date of shipment. Seller makes no other Warranty or Guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability. The Seller shall assume no other liability for incidental or consequential damages arising out of the sale or use of this product
December 29, 2006

APPLICATION GUIDE

ShieldAll 1060

Material Preparation

Stir well. 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. Glossy surfaces may require light sanding to obtain good adhesion.

Application

Apply uniformly to building interior wall or ceiling surfaces at a rate of 700 - 1000ft²/gal until a thin, uniform film remains on the surface. Porous surfaces may require lower coverage rates or two coats to properly seal. Allow at least one hour dry time between coats. **ShieldAll 1060** can be sprayed with any airless equipment using a .13-.17 mil spray tip or applied with a brush or paint roller.

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 1060**. Dry product may be removed with solvents such as chlorinated solvents, undiluted pine oil, or citrus-based cleansers.

Limitations

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

For interior use only. Some yellowing will occur in sunlight.

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.

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