



TECHNICAL DATA SHEET ShieldAll 2020

Description

ShieldAll 2020 is a technically designed water based fire resistive coating for use over all construction materials. It provides a barrier against termites and other wood boring pests that they will not eat through or tunnel under. It is fast drying, and will provide a durable protective surface for many years. The dried film is very fire resistant, and will provide added fire protection to combustible construction material.

ShieldAll 2020 provides a water-resistant film with excellent adhesion to wood, drywall, concrete, metal and other construction material surfaces. It is tough and flexible, and will not chip, crack or flake. It breathes well, allowing moisture vapor to permeate through the film.

ShieldAll 2020 is ideal for use in new construction to prevent future damage from termites, as well as to 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.

ShieldAll 2020 contains less than 1 grams/liter volatile organic components, is low odor, and non-hazardous to apply and use. It uses a synergistic blend of natural and non-hazardous man made components to obtain its superior protective qualities. It meets NFPA 90A & 90B 25/50 requirements when tested by ASTM E-84.

ShieldAll 2020 is avoided by termites and other wood boring insects, and provides a barrier that they will not eat through when applied over wooden surfaces.

Typical Properties

Color:	White
Consistency:	Brush, roll, or spray
Weight per gallon:	10.1-10.3 lbs.
Total Solids by Weight:	44-46%
Viscosity range:	1500-2500 cps
Coverage Rate:	300-600 ft ² /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:	20-30 minutes
Dry through:	12-24 hours
Wet Flammability: (ASTM D93)	No Flash to boiling (212°F)
VOC	Less than 1 gram/Liter

Surface Burning Characteristics (ASTM E-84)
Tested at a coverage rate of 400 ft²/gal applied over inorganic reinforced cement board.

Flame Spread	Less than 25
Smoke Developed:	Less than 50

DISCLAIMER: We believe that the information provided in this technical data sheet is correct to the best of our knowledge and tests. The usage directions and recommendations are herein made without guarantee or representation as to results. We recommend that suitability and usage of this product be performed by the user to determine if this product meets all his/her requirements. In no event will the seller be liable for any consequential damages arising out of the use of this product.
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May 2, 2007

APPLICATION GUIDE

ShieldAll 2020

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.

Application

Apply uniformly to wooden and gypsum wall board surfaces at a rate of 300-600ft²/gal until a thin uniform film remains on the surface. OSB and weathered wood requires more than new wooden surfaces. **ShieldAll 2020** can be sprayed with any airless equipment with a .13-.17 mil spray tip.

Over Coating

Allow **ShieldAll 2020** to dry completely before over coating, with a minimum dry time of 1 hour. A single coat is all that is required for mold, termite and other pest protection.

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 sudsy ammonia and 4 gallons of water. Flush until material exiting pump shows no evidence of **ShieldAll 2020**. Dry product may be removed with solvents such as chlorinated solvents, or undiluted pine oil or citrus based cleansers.

Limitations

Store and apply between 40F and 100F. Protect from freezing.

Product shelf life is approximately 1 year when stored between 40°F and 100°F.

Keep out of reach of children.

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

U.S. Patent #6881247, 04/19/2005

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