



**Pretty. Tough. Paint.**

**Product Instruction Sheet**

# **SCRUBTOUGH™**

**Interior Performance Paint with Microban® Protection**

*When Just Paint Just Won't Do™*

## **Product Description**

Scuffmaster ScrubTough with Microban is a water-based coating for interior walls that is specially formulated to be significantly more scrub-resistant than ordinary acrylic latex paints. Fortified with crosslinked polyurethane plastic, ScrubTough provides up to 10 times the scrub resistance of major brand eggshell acrylic latex products (2,800 ASTM D2486 scrub test cycles vs. 150-300 scrubs for major brand commercial grade eggshell acrylic latex paint). The result is that ScrubTough walls require less re-painting because they can be cleaned repeatedly in the same areas without significant visible wear. In addition to its superior durability, added Microban antimicrobial protection inhibits the growth of odor and stain causing mold, mildew and bacteria on the dried paint film. ScrubTough is designed especially for applications in schools, hospitals, restaurants, airports, retail spaces, entertainment facilities and other public areas that must be cleaned often and where indoor air quality is a key concern.

## **Microban® Product Protection**

ScrubTough contains Microban antimicrobial product protection. This unique additive will inhibit the growth of stain and odor causing bacteria, mold, mildew, and other fungal growth on the dried paint film. Microban protection provides an added level of protection between cleanings, but does not take the place of normal cleaning and disinfecting procedures and will not protect users or others against food-borne illness. Microban additives are E.P.A. registered for use in paint. For more information on Microban, please visit [www.microban.com](http://www.microban.com).

## **Features vs. Ordinary Acrylic Latex Paint Benefits**

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|-------------------------------------|--|
| • Up to 1000% more scrub resistant  | Clean more often in same areas with less wear  |
| • Easy Application                  | Any Quality Painting Contractor Can Apply  |
| • Greater chemical resistance       | Use stronger cleaners to remove stains easier  |
| • Microban Antimicrobial Protection | Inhibits mold, mildew and bacteria growth on paint film                              |
| • Water-based                       | Convenient low-odor application  |
| • Low VOC content                   | Meets U.S. Green Building Council's LEED™ Standards for Environmental Sustainability |

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## Where To Specify ScrubTough

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Healthcare Facilities	Educational Facilities	Entertainment Spaces	Other Applications
Corridors	Dormitories	Theaters	Retail environments
Treatment rooms	Lecture halls	Auditoriums	Restaurants
Laboratory areas	Auditoriums	Corridors	Airports
Cafeterias	Gymnasiums	Lobby areas	Health clubs
Bathrooms	Locker rooms	Concession areas	Fire/police stations
Stairwells	Cafeterias	Bathrooms	Public buildings

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## How To Specify ScrubTough

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For new gypsum drywall, one coat of Scuffmaster Primemaster™ Primer/Sealer followed by one coat of Scuffmaster ScrubTough Performance Paint with Microban (at least two coats for very dark or bright colors). Call 800-898-0219 for a ScrubTough color code to reference in your finish schedule.

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## Technical Information and Test Results

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<b>Suitable Substrates:</b>	Drywall, concrete/masonry, wood, previously painted surfaces and others	
<b>Colors Available:</b>	Use Scuffmaster fandeck or any national paint manufacturer's fandeck	
<b>Coverage Rate:</b>	Approximately 350 ft <sup>2</sup> /gal. (deep/bright colors require additional coats)	
<b>Finish:</b>	Eggshell (10-15% gloss at 60°)	
<b>Maximum VOC:</b>	Less than 150 g/L	EPA Test Method 27
<b>Fire Rating:</b>	Class A or I	ASTM E-84-91a
<b>Scrub Resistance:</b>	More than 2,800 scrub cycles	ASTM D 2486
<b>Stain Removal:</b>	Excellent Rating (using Graffitimaster™ cleaner) 4-Hour Open Spot Test	

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## Five Year Limited Warranty

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Master Coating Technologies warrants the Scuffmaster components of this finish system against manufacturing defect for a period of five years from the date of application when applied to a wall surface according to manufacturer's printed instructions. Manufacturing defect is defined to be a failure of the coating system to adhere to a wall surface when applied according to manufacturer's printed instructions, and does not include subsequent failure or damage caused by exogenous factors such as substrate failure or defect, sharp objects, persons, or acts of God. In the event of a failure resulting from manufacturing defect, the product will be replaced. Master Coating Technologies shall have no obligation to or otherwise participate in labor or other costs associated with replacing the product. This warranty supersedes all previous warranties.

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## Safety Information

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Some persons may experience an allergic reaction to paint products if exposed to spray mist. Because spray application of this Scuffmaster finish may create a fine mist of product and product catalyst in the immediate application area, a high-efficiency particulate respirator and protective glasses or goggles should be worn by the applicator. The immediate application area should be "cautioned-off" to prevent persons without safety equipment from coming into contact with mist. Ensure good ventilation. Product MSDS sheets are available from MCT by calling (800) 898-0219.

**First Aid:** Ingestion – Induce vomiting, consult a physician. Skin contact – wash with soap and water. Eye Contact – Immediately flush eyes for 15 minutes, occasionally lifting eyelids. If contact lenses are worn, remove lenses and continue rinsing. Clean lenses before reusing – may not be possible to reuse. Obtain medical attention. Refer to product MSDS and crosslinker MSDS. In case of emergency, call 800-535-5053.

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## Product Preparation

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**Crosslinking:** This product may be crosslinked with Masterlink immediately prior to application. Masterlink is a skin, eye and lung irritant. You MUST wear gloves, goggles and a respirator when pouring and mixing. Slowly add 2 ounces of Masterlink per gallon and stir 30-45 seconds with a drill mixer. Remix every four hours to avoid gelling. Product must be applied within 36 hours (at 77° F) of adding crosslinker. For more information, see Masterlink label.

**Thinning:** Thinning is not required for brush or roller application. For spraying, it may be desirable to thin product with up to four ounces of water per gallon to achieve appropriate consistency for atomization.

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## Surface Preparation

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**Concrete:** Remove high spots, fill holes and clean surfaces. Allow new concrete to cure a minimum of 28 days prior to application of coatings.

**Masonry:** Tool joints and clean surfaces. Rinse off cleaning solutions and allow surface to dry. Allow new mortar to cure a minimum of 28 days prior to coating.

**Ferrous Metals:** Remove rust and mill scale. Wire brush or sand damaged or rusted areas to bright metal. Remove grease and other foreign materials with mineral spirits. Touch-up damaged areas of shop primer.

**Aluminum:** Thoroughly degrease using non-hydrocarbon solvent cleaner. Etching is recommended before priming if possible. As an alternative, use a wash primer prior to the paint application.

**Non-Ferrous Metals:** Thoroughly clean off oil, wax, grease and other residues.

**Wood:** Sand smooth and free of marks. Wash sap spots and knots with mineral spirits. When dry, cover spots and knots with two coats of shellac.

**Plaster:** Allow new plaster to cure a minimum of 28 days prior to coating.

**Gypsum Wallboard:** Apply joint tape and compound to joints, fastener heads, dents and surface flaws. Sand surfaces smooth and flush with adjacent surfaces. Thoroughly clean sanded areas of dust with a clean damp rag.

**Ceramic Tile and Glazed Block:** Thoroughly clean off oil, wax, grease and other residues. Abrade. Remove sanding dust with a clean, wet rag.

**Vinyl Wallcovering:** Contact MCT at 800- 898-0219.

**Previously Painted Surfaces:** De-gloss (if necessary) and re-prime all previously painted substrates with Primemaster Primer/Sealer from Scuffmaster.

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## Application

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Box all containers of same color. Stir thoroughly. Apply only when temperature is 50<sup>o</sup> - 90<sup>o</sup> F and drying conditions are good. Apply uniformly. Deep or bright colors will require a minimum of two coats.

**Brushing:** No thinning necessary. Use a nylon/polyester brush.

**Rolling:** No thinning necessary. Use a 3/8" nap synthetic roller cover.

**Airless Sprayer:** Up to four ounces of water/gallon. Pressure - 2000 psi. Tip - .015"-.021".

**Conventional Sprayer:** Not recommended.

**CAUTION!** *When spraying, wear goggles and a high-efficiency particulate respirator. "Caution-off" the immediate application area to prevent others from coming into contact with spray mist.*

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## How To Specify *ScrubTough*

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1. **IMPORTANT!** Ordinary acrylic latex paint brands are substantially equivalent and are commonly substituted at the job site. However, Scuffmaster ScrubTough Interior Performance Paint with Microban is not an acrylic latex product. To help prevent product substitution, include the following language in the "Products" section of your specification: "Scuffmaster ScrubTough Interior Performance Paint with Microban is a polyurethane-fortified coating with a crosslinker additive and an anti-microbial component. It is not equivalent to an acrylic latex paint. Call 800-898-0219 for product and pricing information prior to bidding."
2. ScrubTough with Microban can be colored to any color in the Scuffmaster fandeck or to match any major national paint manufacturer's colors. Select the color you want from the Scuffmaster fandeck or another major manufacturer's samples and then call (800) 898-0219 to receive a ScrubTough Color Code Number to reference in your finish schedule. **Please do not reference Scuffmaster fandeck or other manufacturer's color numbers in your ScrubTough specification.**
3. Call out Scuffmaster ScrubTough Interior Performance Paint with Microban by name in your finish schedule and include the unique ScrubTough Color Code Number referenced above. If a specific color has not been chosen at the time the finish schedule is being prepared, simply specify "Colors to be determined." Also, include surface preparation and primer recommendations (see Surface Preparation and Specifications elsewhere in this data sheet).

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## ScrubTough Finish System for Properly Prepared Surfaces

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### 1. New Sheetrock:

Primer – 1 coat Scuffmaster Primemaster Primer/Sealer

1 coat of Scuffmaster ScrubTough Performance Paint with Microban (at least 2 coats if bright, deep or dark color)

### 2. Cured Concrete/Masonry:

Primer – 1 coat of 100% latex acrylic block filler (if required to seal surface for better coverage)

1 coat of ScrubTough Performance Paint with Microban (at least 2 coats if bright, deep or dark color)

### 3. Wood

Primer – Spot-prime knots and prime with 1 coat of a suitable stain-blocking primer

1 coat of ScrubTough Performance Paint with Microban (at least 2 coats if bright, deep or dark color)

### 4. Hard Shiny Surfaces:

Primer – 1 coat of Scuffmaster Primemaster Bonding Primer

1 coat of ScrubTough Performance Paint with Microban (at least 2 coats if bright, deep or dark color)

### 5. Previously Painted Surfaces:

Primer – 1 coat Scuffmaster Primemaster Primer/Sealer may be desirable to extend coverage and/or provide a uniform sealed surface

1 coat of ScrubTough Performance Paint with Microban (at least 2 coats if bright, deep or dark color)

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## Cleaning Instructions

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Allow product to cure for at least seven days following application (allow 28 days on hard, non-absorbent substrates) before applying cleaning chemicals. Most common stains can be removed using warm water and detergent. More difficult stains may require stronger cleaners and a light abrasive pad. Before using a new cleaner for the first time, test its effect on the finish by applying in an inconspicuous area as a small amount of paint may also be removed during the cleaning process.



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