

**Product Description**

A high performance, single component, water reducible, self texture anti-slip floor coating. Aqua-Tred is ideal for pedestrian or light vehicular traffic for interior or exterior environments. Aqua-Tred is designed for application to properly prepared, new or previously painted concrete, metal, wood or asphalt surfaces such as; flooring, stairs, or handi-cap ramps. An excellent product for areas where safety is a concern.

**Performance Features**

- **Excellent Durability**
- **Moisture Resistant**
- **Excellent Adhesion**
- **Fast Dry**
- **Easy to Apply**
- **Low Odor**
- **Water Clean-up**

**Product Specifications**

Resin Type	Elastomeric Acrylic
Color Range	190 Light Gray
Finish	Flat <3 @ 60° (MPI Gloss Level 1)
Drying Time (75° F. & 50% R.H.)	To touch: 2 hours For traffic: 24 hours
Practical Coverage	Approx. 60-70 sq ft./gallon
Recommended Dry Film Thickness	16-18 mils per coat
Weight Per Gallon	15.0 lbs.
Solids By Weight	80%
Solids By Volume	67%
Coefficient of Friction (ASTM F609)	Dry: 1.30 / Wet: 0.90
Flash Point	>200 degrees F (Seta Flash)
Shelf Life	2 years (unopened containers)
Sizes	One gallon containers
V.O.C.	<180 Grams per liter
Clean Up	Water.

**Surface Preparation**

**General:**

All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalky or loose paint, rust, loose mill scale, bond breakers and curing compounds, efflorescence, asphalt stains, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand or etch glossy, glazed or dense surfaces. Fill holes and surfaces irregularities with a suitable patching compound to match the surface profile.

**WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Previously Painted Surfaces:**

Follow general surface preparation guidelines. Remove all deteriorated previously applied coatings by sanding, mechanical means or with the use of a commercial chemical remover. To insure a successful job when applying Aqua-Tred or any other coating over a previously painted surface, it is recommended that an adhesion test be performed on the existing coating(s) to determine the adhesion bond between the coating(s) and the substrate. ASTM D3359-97 Test Method B describes one way of testing paint adhesion. Protect coating applications from moisture conditions for a period of 12-24 hours after application. Allow a minimum of 24 hours cure before subjecting to traffic. Periodic touch-up may be necessary in heavy traffic areas.

**New Wood:**

Follow general surface preparation guidelines. Remove all dirt, dust, mildew and other surface contaminants by sanding, sweeping or cleaning with a commercial restorer or cleaner designed for use on natural wood surfaces. To insure maximum adhesion, the substrate must be free of all dead wood fibers.

**New Unpainted Concrete:**

Follow general surface preparation guidelines. Remove any sealers or curing agents prior to etching. Etch the concrete with a commercial phosphoric type etching solution. Rinse thoroughly and allow to dry. Surface profile can also be achieved with the use of shot blast equipment or other mechanical means. **New Concrete** should be allowed to cure for 30 days and free of moisture and/or vapor transmission. The degree of vapor transmission can be determined by performing a Calcium Chloride Moisture Test. (CaCl<sub>2</sub>)

**Ferrous Metal:**

Follow general surface preparation guidelines. Remove all loose rust, mill scale, or deteriorated previously applied coatings by Hand Tooling (SSPC-SP-2) or Power Tool Cleaning (SSPC-SP-3). For severe environments prepare surface by Commercial Grade Blast Cleaning (SSPC-SP-6).

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# 5300 AQUA-TRED (cont.)

## Asphalt:

Follow general surface preparation guidelines. Sweep to remove all loose dirt or other contaminants. Remove oil, grease and other surface contamination by cleaning with a detergent or other suitable cleaner. Rinse thoroughly with water and allow to dry.

## System Recommendations

### New Unpainted Concrete:

PRIMER: Not Required

### Previously Painted Concrete:

PRIMER: Not Required

### Ferrous Metal:

PRIMER: 5725-120 DTM Acrylic Metal Primer

OR: 1710 Kel-Guard R/O Metal Primer

### New Wood:

PRIMER: Not Required

### Previously Painted Wood:

PRIMER: Not Required

## Asphalt:

PRIMER: Not Required

FINISH: 5300 Aqua-Tred Acrylic Anti-Slip Floor Coating

## Application

Apply only when air and surface temperatures are between 50°-100°F (10°-38°C) and surface temperature is at least 5° above the dew point. Thoroughly mix contents of can with a mechanical mixer until mixed material assumes a uniform color and appearance. To apply the Aqua-Tred Anti-Slip Coating, use a phenolic "No Nap" roller cover to expose the maximum amount of anti-slip aggregate, resulting in a highly ridged, irregular profile. If this not achieved the coating may become slippery when wet. Pour the product on the surface in a stripe approximately 2' long and 6" wide. Roll material in one direction only. Pulling material towards you in slow straight strokes with a moderate amount of pressure. **DO NOT** over roll or press down too heavily on the roller in an attempt to create a smooth appearance; this will adversely affect the creation of the appropriate ridged profile and the desired anti-slip characteristics. Material applied too thick may not cure. Work small sections at a time. Make final pass with roller in one direction to give an even texture and help eliminate lap marks. Roller should be washed or changed after 1 1/2 hours of use. If more than one coat is applied allow 4 hours between coats.

Extremely high or low temperature or periods of high relative humidity may adversely affect dry time. Protect coating applications from moisture conditions for a period of 12-24 hours after application. Allow a minimum of 24 hours cure before subjecting to traffic. Periodic touch-up may be necessary in heavy traffic areas. 5300 Aqua-Tred can be applied by brush to small areas.

## Thinning

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed one-half pint of water per gallon.

## Precautions

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. Protect from freezing. For additional safety information consult the Material Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION  
KEEP OUT OF REACH OF CHILDREN.

## Proper Disposal

For proper disposal of excess material, please contact your local city or county waste management agency.

**Mildew:** This paint has been formulated to be mildew resistant, however, it will not mildew-proof the surface nor completely prevent or destroy mildew. Therefore, Kelly-Moore Paint Company Inc. assumes no responsibility for mildew development.

**Limited Warranty:** The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Kelly-Moore Paint Company, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Kelly-Moore's quality control standards. Any liability whatsoever of Kelly-Moore Paint Company, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.