



*Paints Made to
Last in the
Florida Sun*

ULTRA-TUFF
100% ACRYLIC HIGH PERFORMANCE
CONCRETE FLOOR ENAMEL
PENETRATING-SUPER ADHERING
-AND ABRASION RESISTANT
CODE # 47-100

General Description

ULTRA-TUFF is a durable 100% acrylic "high performance industrial grade" concrete floor LOW SHEEN enamel. Formulated for use on horizontal (raw or properly prepared previously painted) concrete substrates. Areas such as driveways, pool decks, copings, walkways, and catwalks. ULTRA-TUFF is a hard, durable, tough coating can withstand vehicular traffic. ULTRA-TUFF has excellent wet adhesion, is environmentally friendly waterborne enamel. Mildew and fade resistant with one coat coverage over most properly prepared previously painted surfaces.

DO NOT APPLY WHEN SURFACE TEMPERATURE IS BELOW 50 DEGREES (F) OR ABOVE 90 DEGREES (F) AND IN DIRECT SUN EXPOSURE. ALWAYS CHECK ADHESION OVER PREVIOUSLY PAINTED SURFACES. CONTRACTOR IS RESPONSIBLE TO CHECK ADHESION TO EXISTING COATINGS AND TO ADD SLIP RESISTANT SHARK SKIN

Features

- Tuff, Durable, hard 100% ACRYLIC coating
- Excellent adhesion, durability, and abrasion resistance.
- Dries to the touch in about 30 minutes
- Formulated specifically to withstand our tropical climate
- For Use on horizontal concrete surfaces.

Applications

- ULTRA-TUFF ENAMEL may be brushed, rolled or sprayed.
- Use material directly from factory sealed containers.
- Do not apply when air or surface temperature is below 50 degrees (F) above 90 degrees
- OR IF SUBSTRATE IS WET OR RAIN IS EMINENT
- Thinning is not required; stir thoroughly, keep a wet edge, do not dry brush.
- Clean-up with water while wet. Use lacquer thinner or other solvent when paint film is dry.

Where to Use

- Excellent for raw or previously painted horizontal concrete decks.
- Stairs, pool decks, walkways.
- Properly prepared asphaltic surfaces,
- Driveways light vehicular traffic.
- For use on surfaces where a **hard and durable** paint is needed
- Suitable for residential, commercial, or institutional applications.

Benefits

- Hard, durable abrasion resistant finish
- Withstands automobile vehicular traffic
- Low odor low voc.
- Adheres to most well prepared coatings.
- Fast dry Durable and abrasion resistant.
- Mildew and fade resistant

Product Information

Product Information	
Colors: FULL RANGE	Technical Data (+ or – 3%)
Finish: Low Sheen	Pigment by weight 24%
	Vehicle by weight 76%
	Weight by gallon 10.35 lbs.
Spread Rate: 200-350 sq. ft. per gallon depending on surface texture and porosity. Always apply to full opacity. Recommended film thickness: (approx.) Wet – 4.0 mils Dry – 1.5 mils	Total solids by volume 37%
	Total solids by weight 46%
	Vehicle: Acrylic
	Viscosity: 90-95 KU'S
	Flashpoint: N/A VOC (less exempt solvents): -49 g/L; 041lb/gal
Dry Time: Dries in forty-five minutes. Allow 1 hours dry time between coats	Thinning and Clean-Up: Thinning is not required. Clean with water immediately after use; mineral spirits thereafter.

DO NOT APPLY WHEN SURFACE TEMPERATURE IS BELOW 50 DEGREES (F) OR ABOVE 90 DEGREES (F) AND IN DIRECT SUN EXPOSURE

CAUTION: Allow at least 10 days cure time for this coating to gain full strength and adhesion. Do not wash the painted surface for 30 days. Use mild detergent to remove dirt. High humidity or cold temperatures can significantly slow down the curing process.

The information compiled herein is accurate to the best of our knowledge. We reserve the right to modify, adjust or improve any constituents contained herein. It is the users' responsibility to determine for them the suitability of material for a specific purpose and to adopt such safety precautions as may be necessary. No representative of our company has the authority to change, modify or extend warranty without written consent from the corporate office.

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ULTRA-TUFF ENAMEL
100% ACRYLIC
Exterior /Interior Paint
CODE # 47-100,008,000,0025

Surface Preparation

ALL surfaces must be clean, free of scaling, loose blistering, peeling paint, dirt, mildew, chalk oil, grease and other foreign matter.

If multiply coat adhesion failures are present consider stripping all coatings down to bare substrate. NOT RESPONSIBLE FOR INTERCOAT FAILURES

GENERAL SURFACE PREPARATION: The quality of your preparation will determine the quality of your finished job. All surfaces to be coated must be clean, dry and free of grease, oil, loose paints, waxy sealers, mildew, algae and other surface contaminants that can inhibit the bond of the new coating to the substrate. If mold, mildew or algae are present, kill and remove it with a solution of one cup chlorine bleach to one gallon of water. For best results in cleaning, use a pressure washer with at least 3000 PSI and a scrubbing attachment. After cleaning, rinse thoroughly with clean water and allow to dry overnight before coating.

PREPARATION FOR NEW OR BARE CONCRETE: Make sure concrete has cured at least 30 days before coating. Make sure concrete is sound and not crumbling, or spot patch and repair with an appropriate concrete patch before coating. New concrete that is steel troweled and very smooth must be strongly etched with a solution of 10% - 15% muriatic acid and water until the concrete develops sandpaper like roughness on the surface. Broom finishes or less than slick finishes should also be etched with a solution of 2% muriatic acid and water to open pores and clean properly. All acid solutions must be thoroughly rinsed off with clean water prior to application.

PREPARATION FOR PREVIOUSLY PAINTED CONCRETE: All old, flaking and peeling paint must be removed. Areas with firm adhesion must be cleaned thoroughly, using UCI CPC 100 Deck Cleaner. Shiny or glossy paints should be rough sanded in a circular motion to ensure adhesion of **ULTRA-TUFF**. Rinse away all sanding dust and contaminants before coating. Do not etch previously painted surfaces. Always apply a sample to test adhesion.

WARNING: All previously painted surfaces should be tested for adhesion prior to application of this or any other coating!

WOOD: Due to the extreme hardness of the film, ULTRA-TUFF use over exterior woods should be limited to "hard woods" only.

Consult Technical representative for other options and detailed specifications.

CAUTIONS: DO NOT TAKE INTERNALLY, KEEP OUT OF REACH OF CHILDREN AVOID PROLONG CONTACT WITH SKIN AND BREATHING OF VAPORS OR SPRAY MIST.

SPECIAL WARNING: ULTRA-Tuff's satin finish can be extremely slippery under damp or wet conditions. Areas that may get wet such as exterior driveways, carports, steps, patios, walkways, etc. should receive a slip resistant additive (aggregate) mixed into ULTRA-TUFF to impart slip resistance. Broadcasting sand or pumice onto the coated surface is an alternative way to improve slip resistance. IT IS THE SOLE RESPONSIBILITY OF THE APPLICATOR, OR OWNER, TO DETERMINE THE SUITABILITY AND SAFETY OF APPLYING "ULTRA-TUFF" IN AREAS OF PEDESTRIAN TRAFFIC.

WATER SHOULD BE SHUT OFF THREE DAYS BEFORE AND THREE DAYS AFTER APPLICATION.

WARNING! If you scrape, sand, or remove old paint, 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 an NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1.800.424.LEAD or log onto www.epa.gov/lead

Precautions

May cause eye, skin, nose and throat irritation.

USE ONLY WITH ADEQUATE VENTILATION: To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air entry during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (MOSHMSHA TC 23C or equivalent) or leave area. Close container after each use. Avoid contact with eyes, skin and clothing. Do not take internally.

FIRST AID: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, rinse immediately with plenty of water for at least 15 minutes and get medical attention. For skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. Keep container closed when not in use. Do not store above 100oF. Keep from freezing. Material Safety Data Sheet available upon request.

CONTAINS NO CRYSTALLINE SILICA OR ETHYLENE GLYCOL KNOWN CARCINOGENICS

KEEP OUT OF REACH OF CHILDREN