

# PRODUCT DATASHEET

## OMEGA UNITHANE Floor Paint 7050

### General Description

A premium quality, two-component polyurethane enamel floor coating on interior/exterior floor surfaces and traffic deck systems as topcoat. The highly cross-linked formula provides superior abrasion, chemical, and solvent resistance with excellent color retention, UV and weather protection.

### Recommended Use

Designed for use in industrial and factory floors, commercial and retailer spaces, garage floors, automotive shops and professional showrooms. Ideal for exterior finishing on floor/concrete and as a top coat on epoxy for outdoor application.

### Features

- ✓ Provides hard elastic surface resistance to general and vehicle-related chemical spillage and abrasion
- ✓ Excellent color retention, UV and weather protection
- ✓ Outstanding durability
- ✓ Self-leveling, high-build, high-solid formula
- ✓ For interior/exterior surface as topcoat, easy to use

### Limitations

This is a two component product that requires 1:1 mixing by volume for clear finish or 2:1 mixing by volume for white finish. It has a pot life of 4-6 hours. This product will not cure at surface temperatures below 10 °C. Concrete and Wood moisture content must be below 12% and 16%, respectively.

### Technical Data

Color	Clear or White. Other colors available, contact Omega's representative
Finish	Eggshell and/or Gloss
Vehicle Type	Polyurethane Enamel
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	475 gm/Ltrs
Solids Contents	40-50% by volume
Dry Film Thickness (DFT)	Dry: 40 µm (indicative) Wet: 100 µm
Dry Time	To touch: 4-5 hours (25 °C) To recoat: min. 6 hours (25 °C), max. no limitations High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Chemical Cure, full cure after 7 days
Theoretical Spreading Rate (TSR) at Dry Film Thickness	10m <sup>2</sup> per liter (depending on the nature and condition of the substrate)
Flash Point	23 °C / 72 °F
Specific Gravity	0.95 – 1.40 gm/cm <sup>3</sup>
Surface Temperature at Application	Minimum allowed is 10 °C Maximum humidity during application and curing is 85% and dew point above 3 °C
Thin With	Omega Polyurethane Thinner 9016, 25-35%
Clean Up Thinner	Omega Clean Thinner 9011
Available Package Size	16 Ltrs (+ 16 Ltrs Curing Agent)
Shelf Life	12 months, sealed and kept at normal temperature (not in direct sunlight)

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## Surface Preparation

Surfaces to be coated must be clean, sound, and dry. To remove dirt, oil, grease and form release agents, scrub the surface with oil and grease emulsifier. Rinse thoroughly with clean water, per label directions. Recommended to be applied over a basecoat.

**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 approved respirator to control lead exposure. Carefully clean up with a vacuum and a wet mop.

## Application Method

This is a two-component product that requires the mixing of an "A" component resin and "B" component catalyst / curing agent. The proper mix ratio is 1:1 by volume for clear finish and 2:1 by volume for white finish.

Application by air spray with nozzle orifice of 1.5mm and nozzle pressure of 2-3 bar / 24-42 psi.

## System Specification

This product is used best over Omega Epoxy coat systems or Omega Polyurethane coat system as topcoat.

## Storage and Handling

The product must be stored in accordance with national regulations and should be kept in a cool and well ventilated place. Protect from heat and direct sun light, handle with care and stir well before use.

## Health and Safety

Apply under well-ventilated conditions. Do not breathe or inhale mist. When applying, wear air-mask and avoid skin contact. Spillage on skin should be immediately removed with suitable cleanser, soap, or water. Eyes should be well flushed with water and medical attention to be sought immediately.

## Disclaimer

The information is given in good faith. We warrant our product is of good quality and manufactured in accordance to rigid standards. Failure of this product due to misuse or bad storage is beyond the manufacturer warranty. The company pursues a policy of continuous improvement in product innovation, and as such, reserves the right to change the given data without prior notice. Contact Omega's representative or visit [www.omegapaints.net](http://www.omegapaints.net) for more info.

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