

PRODUCT DATASHEET

OMEGA UNIKYD SUPERIOR Eggshell Enamel 4100

General Description

A premium quality, high coverage alkyd-based eggshell finish that dries to a durable smooth finish. It exhibits excellent dirt and stain resistance and washes like an enamel without harm to the finish. With easy application, this product has excellent hiding power with good color retention.

Features

- ✓ Premium quality, eggshell finish
- ✓ For interior and exterior substrates and surfaces
- ✓ High hiding with good color retention
- ✓ Washable, weather resistant
- ✓ Easy to use

Recommended Use

For drywall, plaster, masonry, wood, steel and other metals in residential, commercial and institutional applications. Use on interior and exterior walls, doors, and woodworks.

Limitations

Apply only when surface temperature is above 10°C. Maximum humidity during application and curing is 85% and dew point above 3°C.

Apply two coats for best results.

Technical Data

Color	White and Light Colors
Finish	Eggshell
Vehicle Type	Alkyd
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	370 gm/Ltrs
Solids Contents	51% +/- 2% by volume
Dry Film Thickness (DFT)	Dry: 50 µm Wet: 100 µm
Dry Time	To touch: 10 hours To recoat: Min. 8 hours (30 °C) High humidity and cool temperatures will result in longer dry, recoat and service time
Dries by	Evaporation
Theoretical Spreading Rate (TSR) at Dry Film Thickness	10m ² per liter (depending on the nature and condition of the substrate)
Viscosity	65-90 KU
Flash Point	40 °C / 104 °F
Specific Gravity	1.30 – 1.40 gm/cm ³
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 White Spirit 9000, 5-15%
Clean Up Thinner	Omega Cleaning Thinner
Available Package Size	1 USG, 5 USG
Shelf Life	12 months, sealed and kept at normal temperature (not in direct sunlight)

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Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. Spot prime before and after filling nail holes, cracks, and other surface imperfections.

New plaster or masonry surfaces must be allowed to cure for 30 days before applying base coat. Cured plaster should be hard, have a slight sheen; soft, porous or powdery plaster indicate improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound.

Primers: New surfaces should be primed where indicated. Previously painted surfaces should be spot primed as necessary. There are a number of specialty primers available in our family of brands that can be used on difficult substrates such as bleeding woods, hard glossy surfaces or other substrates where paint adhesion or stain blocking is a problem. Your Omega® dealer can recommend the right problem solving primer necessary to meet your needs.

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

Stir thoroughly before and during use. Apply one or two coats by brush, roller, or air spray using nozzle orifice 1.5mm with 28-42 psi nozzle pressure.

System Specification

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. Use Omega Alkyd Undercoat 2110 (premium grade) or Omega Alkyd Undercoat 2112 for best results.

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 for more info.

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