

PRODUCT DATASHEET

OMEGA UNICRYL PURE Thermocoat 4016

General Description

An ultra-premium quality, fine textured, easy to use, water-based emulsion paint built with 100% Acrylic elastomeric polymer with anti-carbonation properties for a very tough, flexible, breathable, water-repellant surface with exceptional abrasion resistance and ultra-light stability. Tested by international third-party agencies and certified to reflect visible radiation and infrared rays on roof tops, external walls, and concrete surfaces.

Recommended Use

A very powerful thermal insulation paint for rooftops, external walls, and concrete surfaces. Tested and certified for total emittance, solar reflectance, accelerated weathering, degree of rust, checking, cracking, blistering, flaking and chalking exterior. Conforms to air pollution standards.

Apply two coats for best results.

Features

- ✓ Provide thermal insulation for homes and buildings, keeping your home cool and saving you money
- ✓ Tested to achieve 95% total emittance and 82% solar reflectance and can lower roof and wall surface temperatures by as much as 37 °F (EPA)
- ✓ Contains anti-carbonation properties
- ✓ Environmental friendly with low VOC
- ✓ Easy to apply: spray, brush, and/or roller

Limitations

Not for use on areas that are continually wet like showers. Moisture content must be below 12% and well ventilated.

Do not apply when air and surface temperatures are below 10 °C.

Technical Data

Color	White
Finish	Fine Textured
Vehicle Type	100% Acrylic water-based Emulsion
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	20 gm/Ltrs low VOC product, environmental friendly
Solids Contents	39% +/- 2% by volume 55% +/- 2% by weight
Dry Film Thickness (DFT)	Dry: 100 µm (indicative) Wet: 250 µm
Dry Time	To touch: 2 hours To recoat: 6 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	7m ² per liter (depending on the nature and condition of the substrate)
Viscosity	116-126 KU
Specific Gravity	1.18 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	Sweet Water, 5-15%
Clean Up Thinner	Sweet Water
Available Package Size	5 USG, 20 Ltrs
Shelf Life	12 months, sealed and kept at normal temperature (not in direct sunlight)

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Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk and loose or scaling paint. Cement based water-proofing paints should be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning prior to coating the surface.

All new masonry surfaces must be power washed or brushed thoroughly with stiff fiber bristles to remove loose particles. New masonry substrates must be allowed to cure for 30 days before priming or painting. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all from release curing agents.

Caution: Moisture content must be below 12% and well ventilated. Product should not be applied on surfaces / substrates that are subject to continuous seepage or dampness or during rain.

Difficult substrates: Omega Paints® offers a number of specialty primers for use over difficult substrates. Your Omega Paints® representative can recommend the right problem-solving primer for your special 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. For best results, use a premium custom-blended nylon/polyester brush, premium roller, or a similar product. This product can also be sprayed.

System Specification

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary using Omega Signature Primer 2016. This product provides thermal insulation, heat reflection, and best applied on roof-tops and external walls.

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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