

PRODUCT DATASHEET

OMEGA UNICRYL PURE Sealer 2015

General Description

A premium quality, transparent, acrylic water-based sealer designed to deeply penetrate and seal the surface; to protect, preserve, and strengthen surfaces and to provide proper foundation for subsequent finish coats. This product will cure and permanently seal the pores within to make oils, greases, and other surface contaminants easier to clean and remove, and for increasing density, toughness, and hardness, for a stronger surface adhesion.

Recommended Use

As a sealer coat for interior and exterior substrates where deep penetration is needed. Applicable on concrete, plaster, gypsum, wood, and masonry surfaces.

Two coats of sealer may be required in severe cases; allow the sealer to dry thoroughly for best results.

Features

- ✓ Controls hairline checking on new concrete
- ✓ Uniformly cure concretes through combined chemical and moisture retention reaction
- ✓ Penetrates into the surface and permanently seals the pores within for stronger surface adhesion
- ✓ Increases density, toughness, and hardness
- ✓ Environmental-friendly, easy to use

Limitations

Not for use on hard non-porous surfaces, and in 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	Transparent
Finish	Flat
Vehicle Type	Acrylic Water-base
Pigment Type	N/A
Volatile Organic Compounds (VOC)	0 gm/Ltrs Zero VOC product, environmental friendly
Solids Contents	20% +/- 2% by volume
Dry Film Thickness (DFT)	Dry: N/A Wet: N/A
Dry Time	To touch: 30 minutes 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	95-105 KU
Flash Point	Above 65 °C / 149 °F
Specific Gravity	1.00 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, up to 20%
Clean Up Thinner	Sweet Water
Available Package Size	5 Ltrs, 5 USG
Shelf Life	6 months, sealed and kept at normal temperature (not in direct sunlight)

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Surface Preparation

Surface must be dry, clean, and sound; free of chalk, peeling paint, form oils, efflorescence, and mildew. Remove chalk, surface deposits, and loose or scaling paint by scraping, sanding, and preferably power washing.

Glossy areas should be dulled. Un-weathered areas must be power washed or scrubbed with a detergent solution and rinsed to remove surface salts that can interfere with adhesion. Loose, sandy masonry should be hosed down thoroughly to remove surface particles and allowed to dry.

A common exterior paint failure on masonry construction is peeling and scaling, often caused by painting over chalk deposits. The most practical and efficient way to remove this substance is by power washing. Multiple coats of paint that are in an advanced state of deterioration or prior applications of cement-based coatings must be removed to a sound substrate.

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 application by brush or roller, use a good quality synthetic brush or long-nap roller and work into crevices to ensure adequate penetration and sealing. For application by airless spray, ensure nozzle orifice tip of 0.013 to 0.017 with fluid pressure of 1000 to 2000 PSI.

System Specification

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. This product is used best as a sealer coat on rough or pitted masonry, smooth poured or precast concrete and fiber cement siding, and cured plaster. Finish off with the appropriate Omega Paints® coat systems for interior and exterior substrates.

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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