

PRODUCT DATASHEET

OMEGA Water Seal 4030

General Description

An ultra-premium quality, easy to use, acrylic elastomeric waterproofing compound based on acrylic copolymer with ultra-violet resistant properties. This product has excellent flexibility, sealing and elongation properties, and can resist severe climate and tropical conditions.

Recommended Use

Ideal for rooftops, gutters, and can be applied on any surface – wood, concrete, bricks, terrazzo tiles and bituminous coating and pretreated galvanized sheets.

Apply two coats for best results.

Features

- ✓ Seals cracks and joints and can be applied on damp and dry substrates
- ✓ Waterproofing solution, self-curing, and non-toxic
- ✓ Excellent flexibility and sealing
- ✓ Environmental friendly with low VOC

Limitations

Do not apply when air and surface temperatures are below 10 °C. Maximum humidity during application and curing is 85% and dew point above 3 °C.

Technical Data

Color	White and Grey
Finish	Flat
Vehicle Type	Acrylic Copolymer
Pigment Type	Titanium Dioxide
Volatile Organic Compounds (VOC)	22 gm/Ltrs low VOC product, environmental friendly
Solids Contents	45% +/- 2% by volume
Dry Film Thickness (DFT)	Dry: 100 µm Wet: 222 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	2m ² per liter (depending on the nature and condition of the substrate)
Viscosity	130-140 KU
Flash Point	None
Specific Gravity	1.25 – 1.35 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	20 KG
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.

New plaster or masonry surfaces must be allowed to cure for 30 days before applying base coat. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming.

Caution: Smooth planed clapboards or siding must be sanded thoroughly to break the "mill glaze" allowing proper penetration and adhesion. 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. Cracks below < 1.55mm should be strip coated with approx. 120mm before subsequent coat. Rough surface areas should be primed first with one coat of Omega Water Seal 4030 diluted by 15% with sweet water.

Use brush, roller, or airless spray.

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 for Interior Water-based Emulsion Coatings; plaster, masonry, and drywall. Use Omega Paints® Water-based Varnish (Matt or Gloss) for added washability and protection as final coat.

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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