

Made in the Kingdom of Bahrain

## Omega 6004 Powder Filler

**Finish:** Flat  
**Type:** Acrylic-based Filler - Water-borne



### Product Description

#### Type

This product is a pre-mixed cementitious-based powder modified with acrylic polymer. It is designed to achieve optimal wall and ceiling smoothness and to eliminate irregularities on both interior and exterior substrates.

#### Options (Code)

Powder Filler (6004)

#### Features

This product has high filling properties and can minimize or eliminate irregularities of concrete, bubbles, honey combs or cracks. It is a general purpose filler that is easy to use and forms a durable base for subsequent coat systems with high adhesion. It has excellent application properties such as ease of application and sanding.

#### Benefits

- Achieves optimal wall and ceiling smoothness
- Eliminates irregularities on interior, exterior substrates
- Environmentally-friendly
- Easy to use

#### Recommended Use

Ideal as a scrape coat to fill and smoothen the surface prior to over-coating with suitable coating systems. Ideal for decorating and protecting interior and exterior surfaces.

#### Substrate

Cement Plaster, Concrete, Block Work, Gypsum Board and Rendered Surfaces.

Substrate should have sufficient strength to receive the paint. Any defects in the substrate like surface undulations, cracks, pin holes, etc., should be rectified / filled before starting painting.

The compatibility of any third-party filling material, if used, should be confirmed with Omega Paints® before application.

## Product Data

### Colors

White

### Packaging Size

25 KG

### Solids Contents

65% +/- 2% weight theoretical

### Volatile Organic Compounds (VOC)

0 - 5 g/l

### VOC Comments

This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions

## Application Method

### Painting Tools

Stainless steel trowel

Prepared substrates should be thoroughly wetted with clean water prior to application.  
Improve the finishing by flicking on a very small amount of water prior to use of trowel.

### Guidelines for Airless Spray

Nozzle tip not applicable

Spray angle degrees not applicable

Pressure at Nozzle not applicable

### Cleaning of Painting Tools

Water

## Physical Characteristics

### Film Thickness per Coat

Typical recommended range

Dry film thickness 250 - 500 µm

Wet film thickness 500 - 1000 µm

Film thickness will vary and is calculated at average

### Theoretical Spreading Rate (TSR)

2.0 - 4.0m<sup>2</sup> per kg

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.

Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Specific Gravity	Opacity	Viscosity
1.45 - 1.50 g/cm <sup>3</sup>	—	—

## Application Conditions

### Stir thoroughly before and during use

This product is not for use on areas that are continually wet like showers

Surface temperature during application	Thinner	Dilution
The temperature of the substrate should be a minimum of 10°C and at least 3°C above the dew point of the air, measured in the vicinity of the substrate	Water	10 to 12 litres per bag

### Moisture content must be below 12%

Good ventilation is usually required in confined areas to ensure proper drying

## Drying Times

Substrate temperature	10°C	23°C	40°C
Surface (touch) dry	6 h	3 h	1 h
Hard dry	16 h	8 h	6 h
Dry to over coat, minimum	16 h	8 h	6 h

## Measured by Relative Humidity (RH) 50%

Drying times are generally related to air circulation, temperature, film thickness, and number of coats, and will be affected correspondingly.

1. Recommended data given is, for reciting with the same generic type of paint.
2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

## Recommended Paint System

### Primer

Suitable primer

### Filler

Omega 6004 Powder Filler x 2 coats

### Topcoat

Recommended paint system

### Remarks

Other systems may be specified, depending on area of use and surface condition. Packaged contents with different batch numbers must be mixed together before use.

## Directions of Use

### Surface Preparation

Surface must be sound, clean, dry and free from dust, grease, oil, latencies, etc. 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.

### Plaster Condition

New plaster or masonry surfaces must be allowed to cure for 30 days before applying base coat. Cured plaster to be hard, have a slight sheen; soft, porous or powdery plaster indicate improper cure.

### Sanding

Sanding before filler application can help remove old paint and primer and create a smooth surface for the filler to adhere to, can help smooth out any excess or uneven filler, and prepare the surface for painting. Sanding should only be done when the filler is dry, otherwise it can damage the surface.

### Caution

Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all release agents and curing compounds. Smooth planed clapboards or siding must be sanded thoroughly to break the mill glaze allowing proper penetration and adhesion.

### 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.

## Certifications

	Parameter	Test Method
1	Density @ 25°C	BS EN ISO 2811-1:2011
2	Volatile Organic Compounds (VOC)	USEPA Method 24
3	Viscosity @ 29°C	BS EN ISO 2884-2:2006
4	Solids Content	BS EN ISO 3251:2008

Color: White

Copy of certificate and additional certificates and approvals available on request.

### Storage and Handling

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf Life : 12 month(s)

Sealed and kept at normal temperature (not in direct sunlight)

### 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. Please observe the environmental and precautionary notices displayed on the container.

### Material Safety Data Sheet

A material safety data sheet for the product has been issued. Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4

Handling and storage, refer to section 7

Transport information, refer to section 14

Regulatory information, refer to section 15

### Disclaimer

The information in this document is given to the best of Omega's knowledge, based on laboratory testing, practical experience, and good faith. Omega's products are manufactured to rigid standards, is considered as semi-finished goods and as such, products are often used under conditions beyond Omega's control. Omega cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements.

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