

Zero Primer

Product description

Type

This is a high performance emulsion primer, designed for interior purposes. Based on acrylic copolymer emulsion.

Features and benefits

Excellent penetration into the substrate there by providing the best adhesion. Offers best protection against alkali attack. Releases minimal smell and emissions during application and drying. Has minimal VOC and minimal emissions. Offers good flow, hiding power and in-can anti bacterial properties. Free from harmful chemicals like APEO, formaldehyde, heavy metals etc.

Recommended use

Ideal for priming interior surfaces. To be used for surface preparation of new interior walls.

Substrate

Cement plaster, concrete, block work, gypsum board etc.

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, shall be confirmed with Jotun before application.

Product data

Packaging size	4 L and 18L
Colours	White
Solids by volume	36 ± 2 volume% Theoretical
Specific gravity	1.5 Theoretical only for white colour.
Flash point	Not available.
VOC	0 g/l ISO 11890 EU
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 data

The product can be applied by

Roller : Recommended.

Spray : Use airless spray or conventional spray.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.021-0.027"
Spray angle degrees	65-80°
Pressure at nozzle	140 - 190 kg/cm ² (2100 psi)

Cleaning of painting tools

Water

Film thickness per coat

Typical recommended range

Dry film thickness 25 - 35 μm

Wet film thickness 70 - 97 μm

Film thickness will vary and is calculated as average.

Theoretical spreading rate 14.4 - 10.3 m^2/l

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.

Thinner

Water

Dilution

Maximum 10 %

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

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 recoating 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.

The drying time is measured by stated values:

Relative Humidity (RH) 50 %

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	6 h	3 h	1 h
Hard dry	12 h	5 h	3 h
Dry to over coat, minimum	6 h	3 h	1 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

Recommended paint system

Primer

Zero Primer : 1 Coat

Filler

Zero Stucco : 2 Coats

Topcoat

Fenomastic Zero Matt or Fenomastic Zero Silk : 2 Coats

Remarks

Other systems may be specified, depending on area of use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

Storage

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.

Environmental labelling

Green Building Standards

The declared product contributes to Green Building Standard credits by meeting the following specific requirements

LEED®v4 (2013) / LEED®v4.1 (2020)

EQ credit: Low emitting materials

- VOC content for Primers (100 g/L) (CARB(SCM)2007) and emission less or equal to 0.5 mg/m³ (CDPH method 1.2).

MR credit: Building product disclosure and optimization

-Material Ingredients, Option 2: Material Ingredient Optimization, International Alternative Compliance Path -

REACH optimization: Fully inventoried chemical ingredients to 100 ppm and not containing substances on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list.

- Environmental Product Declarations. Product-specific Type III EPD (ISO 14025;21930, EN 15804).

BREEAM® International (2016)

- Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804).

Additional certificates and approvals may be available on request.

Certificates

Approved by MPI (The Master Painters Institute) under MPI category # 149

Chemical Emissions Compliance: UL Greenguard Gold Certification as per UL 2818-2013

Environmental Claim Validation: VOC Content, EU Decopaints Directive as per ISO 11890-2

Free from heavy metals : ASTM D 3335

Free from APEO : US EPA 8260B

Free from formaldehyde : US EPA 8260B

Health and safety

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

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 Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.