Fenomastic Wonderwall Lux

Product description



Type

This product is a superior quality emulsion paint based on a special pure acrylic emulsion technology and designed for all interior surfaces.

Features and benefits

Comes with smoothest matt finish that gives you the colour you expected along with advanced easyclean technology keeping your walls beautiful every day. Specially designed with Formaldehyde abatement technology* and is a product certified for low chemical emissions passing the UL Greenguard Gold certification*. Low odour formulation with no typical paint smell during and after application. Has very low VOC (tested in accordance with ISO 11890-2) and has basic anti-Bacterial and Anti-Fungal property. Easy to apply and good coverage gives an even beautiful surface.

*refer to Certificates section in the TDS

Recommended use

Strongly recommended for interiors of high traffic areas such as kids rooms, Schools, party halls, Kitchens, living rooms, dining rooms etc.

Substrate

Cement plaster, concrete, block work, rendered surfaces, 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.

Product data

Packaging size	1 L, 4 L and 18 L Qatar : 17 L
Colours	White and all interior colours available in Jotun Multicolor system.
Gloss level	3 - 5 (White) EN ISO 2813 (60°)
Gloss level	Value may vary depending on accuracy and type of equipment used
Solids by volume	43 ± 2 volume% Theoretical
Specific gravity	1.43 Theoretical Only for white colour
VOC	4 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.

This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

Application data

The product can be applied by

Roller : Recommended.

Brush Recommended to paint corners and edges.

Spray : Airless spray or Conventional spray.

Guiding data for airless spray

Nozzle tip	0.021–0.027"
Spray angle degrees	65–80°
Pressure at nozzle	140 - 190 kg/cm² (2100 psi)

Film thickness for Skim Coat

Typical recommended range

Dry film thickness	35	-	55	µm
Wet film thickness	80	-	130	µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate	12	-	8	m²/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 15 %

Sanding

Joints: Sanding is not recommended over joints. If required use 80 or 120 grit sandpaper for easier sanding.

Skim Coat: It is recommended to use 120, 150 or 180 grit sandpaper.

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	12 h	6 h	2 h

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Hard dry	16 h	8 h	4 h
Dry to over coat, minimum	12 h	6 h	2 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 Application System

Fenomastic Emulsion Primer or PVA Primer : 1 Coat

Filler

Stucco : 2 Coats
and
Fenomastic Emulsion Primer : 1 Coat

Topcoat

Fenomastic Wonderwall Lux : 2 Coats
An additional coat may be required for certain bright colours, dark colours and significant colour changes.

Remarks

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

Masking tape has to be removed immediately after application of the topcoat.

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

Please refer to the Decorative Sales Department for technical advice.

This product is available in: United Arab Emirates, Bahrain, Kuwait, Qatar, Saudi, Oman, Egypt, Algeria and Libya

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®v4.1 (2020)/LEED®v4 (2013)
EQ credit: Low-emitting materials
- VOC content for Nonflat Coatings (50 g/l) and emission 0.5 mg/m³ or less (CDPH method 1.2).
- VOC content for Nonflat Coatings (50 g/l) (CARB(SCM)2020) and emission 0.5 mg/m³ or less(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

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REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list.
- Environmental Product Declarations: Product-specific Type III EPD

BREEAM® International (2021)/BREEAM® International (2016)
- Hea 02: VOC exemplary emission (CDPH method 1.2 (2017)) and the VOC content for Interior matt walls and ceilings (Gloss<25@60°) (10 g/l).
- Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804+A2)

Additional certificates and approvals may be available on request.

Certificates

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

Formaldehyde Abatement : Purification performance for Formaldehyde as per JC/T 1074-2008

Scrub resistance : Tested in accordance with EN ISO 11998:2006 - Class 1

Resistance to Household Chemicals : Tested in accordance with ASTM D1308

Measurement of antibacterial activity : Tested in accordance with ISO 22196: 2011

Resistance to Growth of Mold/Fungus on the Surface of Interior Coatings in an Environmental Chamber : Tested in accordance with ASTM D3273 -16

Burnish Resistance : Tested in accordance with ASTM D 6736

Reaction to Fire : Tested in accordance with ASTM E 84 - Class A

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 data given 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.

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