

Technical Data

Fenomastic Emulsion Primer



Product description

Fenomastic Emulsion Primer is a high performance water borne primer based on a special, high quality, alkali resistant acrylic binder with incan antibacterial properties. It has low VOC, which ensures good indoor air quality. Fenomastic Emulsion Primer is specially formulated to achieve a better penetration into the substrate.

Recommended use

Fenomastic Emulsion Primer is most suitable for fully cured new cement plastered walls, ceilings, concrete, gypsum board partitions, GRC works etc. It is very important to use Fenomastic Emulsion Primer on all areas where better penetration and alkali resistance are a high priority.

Benefits of using Fenomastic Emulsion Primer : Deeper penetration into plaster and concrete gives a better adhesion to the surface. Superior alkali resistance offers the best protection against alkali attack when applied onto a fully cured new cement plastered, concrete surface.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (µm)	27	35	31
Film thickness, wet (µm)	108	140	124
Theoretical spreading rate (m ² /l)	9	7	8

Physical properties

Colour	White
Solids (vol %)*	25 ± 2

*Theoretically calculated

VOC: 0 gms/lit (theoretical) when measured as per ISO EU.

Surface preparation

The substrate must be sound, clean, dry, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose material must be removed by stiff bristle brushing.

Other surfaces

The coating may be used on other substrates. Please contact your local Jotun office for more information.

Condition during application

The temperature of the substrate should be min. 10°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

Application methods

Spray	Use airless spray or conventional spray
Brush	Recommended.
Roller	Recommended

Application data

Mixing ratio (volume)	Single pack.
Thinner/Cleaner	WaterClean Water. Maximum 5% may be added to facilitate easier application. Water may also be used for moistening and cleaning of painting tools.
Guiding data airless spray	
Pressure at nozzle	140 - 190 kg./cm ² (2100 p.s.i.)
Nozzle tip	0.021" - 0.027"
Spray angle	65° - 80°
Filter	Check to ensure that filters are clean.

Drying time

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- * Good ventilation (Outdoor exposure or free circulation of air)
- * Typical film thickness
- * One coat on top of inert substrate

Substrate temperature	10°C	23°C	40°C
Surface dry	6 h	3 h	1 h
Through dry	12 h	5 h	3 h
Cured	6 h	3 h	1 h

1. Recommended data given 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 – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

Typical paint system

Interior :

Fenomastic Emulsion Primer	1 Coat
Stucco	2 Coats
Fenomastic Emulsion Gold	2 Coats

It may be necessary to apply a coat of Fenomastic Emulsion Primer after Stucco in certain circumstances. **Please refer to the Decorative Sales Department for technical advice.**

Other systems may be specified, depending on area of use

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

4 litre container and 18 litre container.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

If there is any inconsistency in the text the English (UK) version will prevail.

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