Acrylic Emulsion Primer (I)

Product description

Type

This product is an alkali resistant exterior emulsion primer. 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. Resistant to algae and fungus.

Recommended use

Ideal for priming exterior surfaces. Can also be used to prime interior surfaces.

Substrate

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

Product data

Packaging size	1 L , 4 L, 10 L and 20 L		
Colours	White		
Solids	37 ± 2 volume%		Theoretical
Specific gravity	1,54		Theoretical Only for white colour
VOC-USA	0	g/l	EPA Method 24

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/cm² (2100 psi)

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.

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.

Recommended film thickness per coat

Dry	Minimum	25 µm
Dry	Maximum	35 µm
Dry	Typical	30 µm
Wet	Minimum	140 µm
Wet	Maximum	200 µm
Wet	Typical	165 µm

Film thickness will vary and is calculated as average. Film thickness per coat values are presented here.

Spreading rate per coat

Theoretical	Minimum	10,5 m²/l
Theoretical	Maximum	14,5 m²/l
Theoretical	Typical	12,5 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 40 %

Cleaning of painting tools

Water

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.

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

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Acrylic Emulsion Primer (I) : 1 Coat

Topcoat

Durosan 03 Exterior Matt(I) : 2 Coats

Remarks

As a primer for textured topcoats in the 'World of Textures'.

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.

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.

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