Jotashield Extreme Silk

Product description

Type

This product is a superior quality, exterior water based paint. Based on pure acrylic emulsion.

Features and benefits

The unique heat reflective features and UV protected colours offer outstanding protection against heat from Infrared (IR) rays and destructive effect of UV rays present in Sunlight. Specially designed to withstand the harsh middle east climate and weather conditions. The special acrylic binder provides durable and long lasting silk finish with low dirt pick up. It is a low-VOC environmentally-green product which contributes to reducing energy consumption in cooling interiors and reducing urban heat island effect.

Recommended use

Ideal for decorating and protecting exterior surfaces and specially suits as a maintenance product.

Substrate

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

Product data

Packaging size	1 L, 2.5L and 15 L	
Colours	As per colour card.	
Gloss level	6 - 8	EN ISO 2813 (60°)
Solids	38 ± 2 volume%	Theoretical
Specific gravity	1,35	Only for white colour
VOC	5 g/l	US EPA method 24

Application data

Remarks

Handle with care. Stir well before use.

The product can be applied by

Spray : Use airless spray or conventional spray.

Roller : Recommended.

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

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.

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.

Film thickness per coat

Typical recommended range

Dry film thickness	25	- 35	µm
Wet film thickness	65	- 92	µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate	10,8 - 15	m²/l

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

Thinner

Water

Dilution

Maximum 10 %

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	12 h	6 h	2 h
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 paint system

Primer

Jotashield Alkali Resistant Primer or Jotashield Penetrating Primer : 1 Coat(s)

Topcoat

Jotashield Extreme Silk : 2 Coat(s)

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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.

Use Jotashield Filler to rectify any imperfections on the substrate followed by sanding and the removal of accumulated dust.

This product is available in: Turkey

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.

Certificates

Scrub resistance : 5000 scrubs : **Wimpey laboratories**
Crack bridging ability : 0.3 mm : **Technology center, UK.**
Liquid water transmission rate : Class 3 (low : Classification in accordance with EN-1062-1.) : **Technology center, UK.**
Moisture vopour transmission rate : Class 2 (Medium : Classification in accordance with EN-1062-1.) : **Technology center, UK.**
Carbon di oxide diffusion resistance : Class 1 (Classification in accordance with EN-1062-6.) : **Technology center, UK.**

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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