

Jotashield Natural Stone

Product description

Type

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

Features and benefits

It provides an attractive natural stone appearance and protects exteriors for a longer period of time. Its colours are based on natural aggregates providing outstanding protection against UV rays and ensure the beauty and appearance of exteriors remain fresh and new for years to come. Specially designed to withstand the harsh middle east climate and weather conditions.

Recommended use

Ideal for decorating and protecting exterior surfaces. Anti-Carbonation - High Resistance to Carbon Dioxide diffusion that can cause degradation to concrete and masonry structure.

Substrate

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

Product data

Packaging size	25 kg
Colours	As per colour card.
Solids	60 ± 2 volume%
Specific gravity	1,7 Theoretical
VOC	81 g/l ISO 11890 EU

Application data

The product can be applied by

Spray : Gravity Feed Hopper Gun or other suitable equipment. Consult Jotun for additional information, as required.

Texture and pattern will depend on the air pressure when applying the second coat.

Roller : May be used.

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.

Spreading rate per coat

Theoretical Minimum 0,175 m²/l Maximum 0,4 m²/l Typical 0,2 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.

Recommended film thickness per coat

Wet	Minimum	2900 µm	Maximum	4640 µm	Typical	4840 µm
Dry	Minimum	1700 µm	Maximum	3500 µm	Typical	3000 µm

Film thickness will vary and are calculated as an average.

Thinner

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	12 h	6 h	2 h
Hard dry	60 h	48 h	30 h
Dry to over coat, minimum	60 h	48 h	30 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 Penetrating Primer or Jotashield Alkali Resistant Primer : 1 coat

Undercoat

Jotashield Natural Stone : 2 Coats

Topcoat

Jotashield Clear : 1 Coat.

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

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.

This product is available in: Saudi

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.