

Jotashield Nuovo

Product description

Type

This product is a high quality waterborne paint, based on pure acrylic emulsion and contains hard aggregates. It's a self priming product, can be applied as a basecoat as well as spraycoat.

Features and benefits

Jotashield Nuovo – Creating Possibilities

Jotashield Nuovo is a self-priming spray texture that provides unique texture finishes with long lasting colors and excellent weather resistance. It is a first of its kind product that can be used both as the basecoat and as the spray texture to get the final look. To add to this, you can use different colors for the basecoat and spray coat to create unique finishes. It is undoubtedly the fastest way of achieving wide range of beautiful texture finishes on the exterior facades with assured quality of Jotashield.

Recommended use

Ideal for decoration of exterior surfaces, can be used for interior.

Substrate

Cement plaster, concrete, block work, rendered surfaces 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. The compatibility of any third party filling material, if used, shall be confirmed with Jotun before application.

Product data

Packaging size	4 L and 16 L
Colours	This product is available in more than 500 beautiful long lasting colours through instant in-store Multicolour tinting.
Solids by volume	61 ± 2 volume% Theoretical
Specific gravity	1.94 Theoretical. Only for white colour
VOC	15 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.

Application data

Remarks

Highly recommended that this product is applied by a skilled and a professional painter. Refer to application method statement for additional information.

The product can be applied by

Basecoat : Roller

Spray : Gravity Fed Hopper Gun.

Cleaning of painting tools

Water

Spreading Rate

System 1: Classic Finish

Basecoat: Jotashield Nuovo : 1 Coat applied by roller 0.2 - 0.25 ltr/m²
Spraycoat: Jotashield Nuovo : 1 Coat of same colour as basecoat applied at high to normal pressure 0.48 - 0.57 ltr/m²

System 2: Two-tone finish

Basecoat: Jotashield Nuovo : 1 Coat of colour no. 1 applied by roller 0.2 - 0.25 ltr/m²
Spraycoat:
Part 1: Jotashield Nuovo: 1 Coat of colour no. 1 applied at high pressure 0.26 - 0.32 ltr/m²
Part 2: Jotashield Nuovo: 1 Coat of colour no. 2 applied at normal pressure 0.26 - 0.32 ltr/m²

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

The average spreading rate per coat can be confirmed at site by a trial application.

Thinner

Water

Dilution

Basecoat : 30 % - 40 % by volume (4 to 6 litres per 16L drum/ 1 to 1.5 litres per 4L can)
Spray coat: Maximum 5% (if required)

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. The ideal maximum substrate temperature during application should not be more than 45 °C. Good ventilation is usually required in confined areas to ensure proper drying. Avoid applying under direct sunlight during the hot mid day hours in summer. Do not apply during rainfall. Ensure no direct water contact during the early days of curing. Stir the paint well before use. Do not keep paint can open for a long period of time. Avoid painting in windy conditions. Take proper precautions while applying on the high rise buildings.

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
Hard dry	32 h	16 h	8 h
Dry to over coat, minimum	32 h	16 h	8 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.

Use JOTUN BLOCK FILLER or other exterior grade fillers directly on the plaster as per the surface condition.

In case of any surface imperfections after the basecoat application, use Jotashield Nuovo (undiluted paint in same colour of basecoat) for rectification. If any another filler is used for the touch-up, the touched-up area has to be covered with basecoat.

Refer to the application method statement for additional information.

Recommended paint system

System 1: Classic Finish

Basecoat: Jotashield Nuovo : 1 coat applied by roller

Spraycoat: Jotashield Nuovo: 1 coat of same colour applied at normal pressure

Refer to the application method statement for additional information.



System 2: Two-tone finish

Basecoat: Jotashield Nuovo : 1 Coat of colour no. 1 applied by roller

Spraycoat:

Part 1: Jotashield Nuovo: 1 Coat of colour no. 1 applied at high pressure

Part 2: Jotashield Nuovo: 1 Coat of colour no. 2 applied at normal pressure

Refer to the application method statement for additional information.



** Product images shown are for illustration purposes only and may not be an exact representation of the product.*

Remarks

Jotashield Clear can be used on top of Jotashield Nuovo or other systems can 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: United Arab Emirates, Bahrain, Kuwait, Qatar, Oman and 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.

Certificates

Carbon di-oxide diffusion resistance : Class C1 : (Classification in accordance with EN-1062-6)

Water vapour transmission rate : V2 : (Classification in accordance with EN-1062-1)

Liquid water transmission rate : W2 : (Classification in accordance with EN 1062-1)

UV resistance : (Tested in accordance with ASTM D4587)

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.