

Jotashield Liso Mate

Product description

Type

This product is a water-based paint, based on 100% acrylic emulsion, especially formulated to resist different weather conditions.

Features and benefits

Its special acrylic resin offers long durability and low dirtiness level. Its unique formulation protects concrete from carbonation (Acts as anticarbonation coating). Ideal for protection and decoration of exterior surfaces due to its waterproof characteristics maintaining surface breathability. It is self-cleaning and has great elasticity. It contains antifungi additive.

Recommended use

Ideal for exterior surfaces. It also can be used as finish on emulsion-based paints and as finish on textured finishes. Especially suitable for façades and vertical surfaces, where micro cracking can occur due to internal movement of the whole structure of the building.

Substrate

Cement plaster, Concrete, block work, gypsum board and rendered surfaces.

Product data

Packaging size	900 ml, 4 L and 15 L
Colours	As per the colour card and available in Jotun Multicolor tinting system (Exterior range).
Solids	38 ± 2 volume%
Specific gravity	1,45 Only for white colour
VOC for Ready-for-Use Mixture	EU limit value for the product (cat. A/c): 40 g/l. The product contains max 29 g/l VOC.

Application data

The product can be applied by

Roller : Recommended.

Brush : Recommended.

Spray : Use airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip	0.021" - 0.027"
Spray angle degrees	65°-80°
Pressure at nozzle	140 - 190 kg/cm ² (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.

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 15,2 - 10,9 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

Ready to use.

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 must be sanded to achieve maximum adhesion if the application is done after recommended recoating time.

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 Penetrating Primer : 1 Coat

Topcoat

Jotashield Liso Mate : 2 Coats

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.

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.