

Lady Nordic Air

Product description

Type

This product is a premium modified acrylic rich matt paint formulated with advance Nordic technology and high quality ingredients. It passes the most stringent emission test and is certified with Eurofins Indoor Air Comfort Gold. Its rich beautiful colours and smooth luxurious paint film provides excellent wet scrub wet scrub resistance, mould and bacteria resistance to beautify and protect your home for many years to come.

Features and benefits

IAC GOLD, M1, French A+ certified.
Low odour formulation and low VOC content.
Free from harmful chemicals like APEO, formaldehyde, heavy metals etc.
Alkali and wet scrub resistance
Anti-mold and anti-bacterial.

Recommended use

Ideal for interior surfaces.

Substrate

Putty, cement plaster, concrete, rendered block work etc.

Product data

Packaging size	3.6 L and 15 L
Colours	White, or can be modulated according to color cards and Jotun computer palette system from shallow to deep colors.
Gloss level	Matt
Solids by volume	37.5 ± 2 volume% Theoretical

Application data

Remarks

Handle with care. Stir well before use.

The product can be applied by

Roller : Recommended.
Brush : Recommended to paint corners and edges.
Spray : Recommended.

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)

Cleaning of painting tools

Water

Spreading rate per coat

Theoretical 10 m²/l - 12 m²/l

The spread ratio can be difference by substrate and application method with theoretical value. The average consumption can be confirmed at site by a trial application.

Recommended film thickness per coat

Wet 76 µm - 101 µm

Dry 30 µm - 40 µm

Film thickness will vary and are calculated as an average.

Thinner

Water

Dilution

The paint is ready to use after proper stirring. If thinning is required, water may be added up to a maximum of 5%.

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.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

Good ventilation (Outdoor exposure or free circulation of air)

Typical film thickness

One coat on top of inert substrate

The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.

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
Surface (touch) dry	2 h	1 h	0.5 h
Hard dry	12 h	6 h	1 h
Dry to over coat, minimum	4 h	2 h	4 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.

Other Surface:

The coating may be used on other substrates. Please refer to the Decorative Sales Department for technical advice.

Recommended paint system

Primer

Lady Primer : 1 coat

Topcoat

Lady Nordic Air : 2 Coats

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.

Disposal of waste

Environmental labelling

Green Building Standards

This product contributes to Green Building Standard credits by meeting the following specific requirements:

LEED®v4 (2013)

MR credit: Building product disclosure and optimization

- Material Ingredients, Option 2: Material Ingredient Optimization, International Alternative Compliance Path - REACH optimization: Fully inventoried chemical ingredients to 100 ppm and not containing substances on the REACH Authorization list - Annex XIV, the Restriction list - Annex XVII and the SVHC candidate list.
- Environmental Product Declarations. Product-specific Type III EPD (ISO 14025;21930, EN 15804).
- EQ credit: Low emitting materials - VOC content for Flat coatings (50 g/l) (CARB(SCM)2007) and emission less or equal to 0.5 mg/m³ (CDPH method 1.1).
- Eurofins "Indoor Air Comfort Gold certified product" and by that complies with French AFSSET (2011), German AgBB (2017) and Belgian Decree (2014).

BREEAM® International (2016)

- Hea 02: VOC emission ((ISO 16000-series (2006) or CDPH method 1.1 (2010)) and the VOC content for Interior matt walls and ceilings (Gloss <25 at 60°) (10 g/l).
- Mat 01: Product-specific Type III EPD (ISO 14025;21930, EN 15804).

BREEAM® International (2013)

- Hea 02 : VOC content for Interior matt walls and ceilings paint (Gloss<25@60°) (30 g/L).

Certificates

Indoor Air Comfort Gold Certified
Finnish voluntary emission classification of building materials : M1
French Regulations on VOC emissions : Class A+

Tests

GB/T 9756: Synthetic resin emulsion coatings for interior wall
GB 18582 : Indoor decorating and refurbishing materials Limit of harmful substances of interior architectural coatings
GB/T 21866: Test method and effect for antibacterial capability of paints film
GB/T 1741: Test method for determining the resistance of paints film to mold

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.