

Jotashield Colour Extreme

Product description

Type

The best premium water based acrylic exterior paint you can choose for harsh tropical weather. With its maximum UV protected colours, it keeps your home looking fresh and vibrant longer than other exterior paints. Its advanced binder technology keeps your home looking clean and beautiful by preventing dirt from sticking to your walls, and is easily washed away by the rain. Utilizing the optimum level of the latest biocide technology, it also ensures your home will remain protected from algae and fungus. Fully tested and proven by external laboratories, it is the best exterior paint you can have to protect and beautify your home for at least 12 years.

Features and benefits

Maximum UV Protected Colours - Proven to have the highest level of colour lasting performance.

Superior Dirt Resistance - Keeps your home looking clean and beautiful for the longest time with its proven advanced binder technology.

Extreme Algae & Fungus Protection - Prevents algae and fungus unlike any other exterior paint.

12 Years Colour Performance - Fully tested and proven by external laboratories to protect and retain its colours on your walls.

Reduces Temperature - Paint reflects sunlight therefore reduce the surface temperature and cools your homes or buildings.

Water Resistant - Resist water ensuring less stain marks.

Formulated without Harmful Chemicals - Free from harmful chemicals such as APEO, formaldehyde, heavy metals and has low volatile organic compound (VOC).

Recommended use

For exterior application, suitable for new buildings or repainting.

Substrate

On concrete, masonry, plaster & brick work surfaces.

Product data

Packaging size	Packing may vary from country to country according to local requirements.
Colours	As per the colour card and available in Jotun Multicolor tinting system (Exterior range).
Solids by volume	38 ± 2 volume%

Application data

Remarks

Handle with care. Stir well before use.

Application equipment / methods

By brush, roller, airless spray or conventional spray.

Guiding data for airless spray

Nozzle tip 0.021" - 0.027"

Technical Data Sheet

Jotashield Colour Extreme



Spray angle degrees 65°-80°
Pressure at nozzle 140 - 190 kg/cm² (2100 psi)

Spreading rate per coat

Theoretical 9,5 m²/l - 12,7 m²/l

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

Recommended film thickness per coat

Wet 79 µm - 105 µm
Dry 30 µm - 40 µm

Film thickness will vary and is calculated as 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	8 h	6 h	4 h
Dry to over coat, minimum	4 h	2 h	1 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

Cito Primer 09 or Jotun Ultra Primer or Jotashield Primer : 1 coat

Topcoat

Jotashield Colour Extreme : 2 coats

Remarks

To achieve utmost durability, especially over new concrete, moisture content of the walls must not exceed 16% and use Cito Primer 09 or Jotun Ultra Primer before topcoat with 2 coats of Jotashield Colour Extreme.

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

Complies to Singapore Green Label, Malaysia SIRIM Eco-Label and MS-Sirim.

Tests

Xenon Arc Accelerated Weathering test according to SS 5 : Part G4 : 2003

Dirt Pick-up Resistance test according to SS 500 : 2002+A1:2014

Algae Resistance test according to SS 345 : 1990+A1:1999, +A2:2014

Washability test according to SS 5 : Part F5 : 2003

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.