



JOTUN

JOTASHIELD

extreme

SUPERIOR EXTERIOR PROTECTION

2x

**Heat
Reflective**

8

**Years
Performance**

2x

**UV
Protected
Colours**

Disclaimer

We have made every effort to make the colours on screen as close to actual paint colours as computer screen resolutions as allow. Please refer to paint chop samples for an accurate match. Colours will vary depending on your screen settings and resolution. Applied sample is recommended when colour matching is critical.

JOTASHIELD EXTREME

THE MOST DURABLE PAINT FOR THE EXTREMELY HARSH TROPICAL CLIMATE!

Introducing Jotashield Extreme, the next generation of exterior paints.

Jotashield Extreme has been developed using cutting edge technology that surpasses stringent internal and external requirements to deliver outstanding durability, colour protection, and heat reflection.



2X HEAT REFLECTIVE

It's a fact that all the exterior walls of your home absorb the heat from the sun. The heat is absorbed in the form of infrared rays from sunlight.

This leads to a warmer interior, higher cooling costs and faster paint deterioration.

Jotashield Extreme comes with the revolutionary, 2X Heat Reflective feature. Jotashield Extreme colours reflect up to twice the amount of heat away from your walls compared to standard paints.

The secret lies in Jotun's ground breaking pigment technology which utilizes infrared reflective pigments.

Now all your colours can become 'cool' colours.



Buildings painted with Standard Paints remain hotter

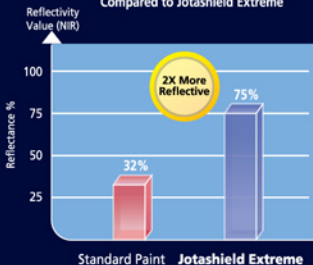


Buildings painted with Jotashield Extreme have cooler interiors

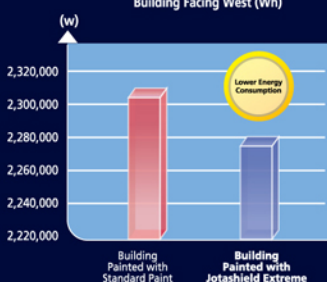
Benefits of 2 x Heat Reflective colours include:-

- Excellent indoor thermal comfort
- Lower energy consumption used for keeping buildings cool
- Longer lasting colours
- Reducing the Urban Heat Island Effect (UHI)

Reflectivity Value of Standard Paint Compared to Jotashield Extreme



Amount of Energy Required to Cool Building Facing West (Wh)

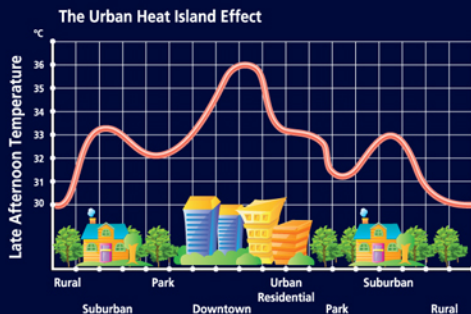


The chart shows the amount of Near Infrared (NIR) reflected by a standard paint sample compared to a Jotashield Extreme sample painted on a test wall

The energy saved is enough to power 1,380 (18 Watt) energy saving lamps for 1 hour

Source: Independent Test conducted by Building System and Diagnostics Pte. Ltd., Singapore

Urban areas are hotter than rural areas. This phenomenon is known as the "Urban Heat Island Effect". This is mainly caused by buildings and infrastructure absorbing more heat from the sun compared to forested areas.



By painting buildings with Jotashield Extreme, the higher reflectivity will help reduce the effects of the Urban Heat Island. This in turn reduces energy consumption used for cooling buildings leading to lowering the pollution caused by electricity generation.



Resistance To Cracking,
Flaking And Chalking



8 YEARS PERFORMANCE

Exterior protection will never be the same again! Jotashield Extreme's unique 100% Extreme Acrylic formula delivers a stronger paint with unparalleled resistance to cracking, flaking and chalking.

Jotun's innovative R & D and our unwavering policy on quality ensures that we use only the highest grade ingredients in Jotashield Extreme's formula. It is optimized to withstand even the harshest tropical climates.

Rest assured with our 8 Years Performance warranty on Jotashield Extreme.

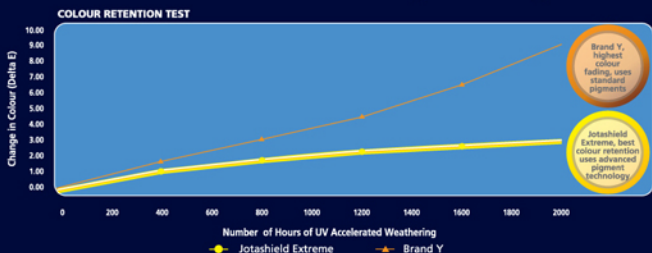




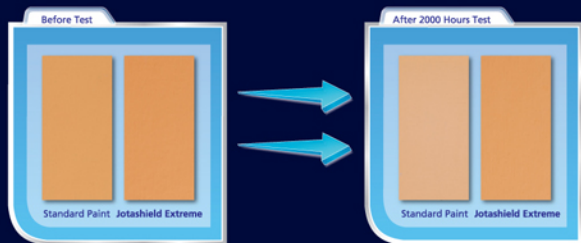
2X UV PROTECTED COLOURS

Jotashield Extreme offers the longest lasting and most fade-resistant colours in the exterior paint category. Our 2X UV Protected Colours ensure that your exterior walls will retain that "I got it painted yesterday" look for many years to come.

The 2X UV Protected Colours feature in Jotashield Extreme is ultraviolet (UV) resistant due to Jotun's advanced Pigment Technology.



Colour Retention Test by 2000 hours Accelerated Weathering
Delta E defines the total colour difference between the sample and standard



Source: Independent test conducted by Setco Services Pte. Ltd., Singapore.



LOW DIRT PICK UP

Jotashield Extreme's advanced formulation forms an extra durable and water resistant paint surface which allows rain to naturally wash dirt off the walls. Surfaces remain cleaner and brighter all the time.

Let nature clean the walls!





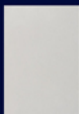
ALGAE AND FUNGUS RESISTANT

Over time, the extreme weather conditions of the tropical climate leave exterior walls exposed to unwanted algae and fungus growth.

Containing a non-hazardous, high quality dry film preservative, Jotashield Extreme protects your exterior walls from algae and fungus attacks.



With low quality biocide, paints get infected with fungus & algae



Jotashield Extreme gives excellent protection against fungus & algae



MULTICOLOR TINTABLE

Jotashield Extreme is formulated to be multicolor tintable. With a wide choice of colours to choose from, our customers enjoy the outstanding durability of Jotashield Extreme without compromising on choice of colours.

Jotun is the pioneer in Multicolor tinting technology and has more than 30 years experience in this field.



GREEN PRODUCT

Jotashield Extreme addresses environmental issues such as rising energy costs, global warming and effective heat management.

Lowering energy used for internal cooling means less power usage.

Jotashield Extreme is non-hazardous and is 100% free from heavy metals such as lead, mercury, chromium and cadmium.

In addition, it has a low VOC (volatile organic content) count. High VOC count is both unhealthy and contributes to global warming.



User ID: 032 081
Environmentally Friendly / Low VOC Paint

The Green Label is awarded to products that comply to the standard set by the Singapore Environmental Council which is a member of the International Global Eco Labeling Network.

ATLANTIC DREAM



Pearl 121



Sensual Touch 767



Bismarck 2108



Silver Cloud 2098



Zen Grey 4066



Celestial 4069



Clear Blue 4093



Shallow Wave 4094



Bayside Blue 4096



Pacifica 5039



Aquamarine Blue 5018



Coastal Wave 5041



Sea Spray 6024



Sirrocco 5011

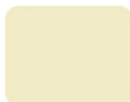


Cerulean 576

Calm and cool, the blues of **Atlantic Dream** slowly draws you into the mysterious serenity of the sea. Let the different shades of the ocean excite and tempt you.



TROPICAL GARDENS



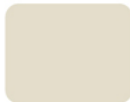
Tropic Ginger 8070



Marigold White 8012



Cedar 8014



Lotus Root 1108



Off White 565



Mediterranean Olive 1109



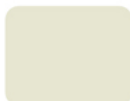
Parchment 1129



Antique Bronze 8045



Grove 8050



Modern White 8018



Autumn Green 700



Rainforest 561



Dusk Green 7038

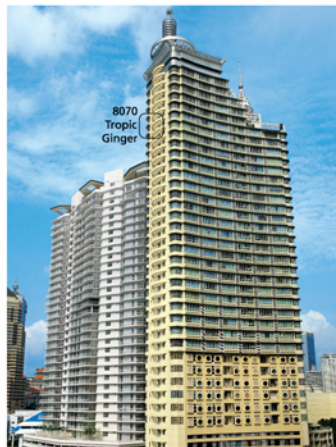


Cypress 7040



Spruce 7041

She becomes a part of us, as much as we are a part of it. The natural, vivid vibrancy of Mother Nature has never been more brought to life than with this selection of fine colours from Tropical Gardens.



URBAN DIVIDE

From the modern colours of the city to the charming tones of the suburbs, the **Urban Divide** is both elegant and tough. Be inspired..... think future design.



Minimalist 1072



Grey Event 9912



Matrix 9913



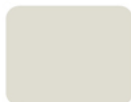
Empire 520



Platinum 9911



Fresh Concrete 556



Timeless 1024



Castor Grey 1069



Iron Grey 1032



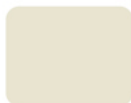
Linen Grey 2105



Concrete 1142



Monolith 1144



Loft 1107



Lotus Root 1108



Off White 565

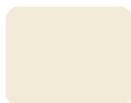


DAWN



TO DUSK

Dawn To Dusk brings the best that Southern Europe has to offer. Its warm reds, rustic browns and lively yellows infuse our lives with the golden hues of the sun.



Ivory 567



Peach Sky 1117



Petra Stone 1118



Daybreak 1194



Light Tangerine 1196



Earth Stone 1119



Evening Shadow 1134



Damascus Dusk 2086



Sienna Ray 1120



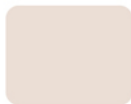
Grey Light 2106



Mahogany Ash 2095



Russet 2096



Sand Dust 2043



Island Tan 2090



Cocoa Seed 2135



All colours reproduced are shown as close to actual paint colours as modern printing techniques allow. Where colour matching is critical, an applied sample is recommended.



= Premium Colour

JOTASHIELD

THE COMPREHENSIVE EXTERIOR RANGE ALL UNDER ONE BRAND

Jotashield is the No. 1 selling paint from Jotun. Continuous R & D is conducted to constantly improve and raise the bar in exterior paints. Jotashield is produced to exacting international standards and subsequently subjected to rigorous testing to ensure that it delivers the longest lasting colour protection in the market.



JOTASHIELD EXTREME

Jotashield Extreme is the most durable paint for the harsh tropical climate. It utilizes a 100% Extreme Acrylic formula, which comes with both 2X Heat Reflective feature and 2X UV Protected colours.

These features have been tested and certified by independent test labs.

Consumers can be assured of our 8 Years Performance warranty.

Other features include:

- Widest range of Heat Reflective Colours and UV safe colours
- Low Dirt Pick Up
- Anti Algae / Anti Fungal
- Green Product (Meets Singapore Green Label Certification)
- 100% Lead and Mercury free



JOTASHIELD FLEX

Jotashield Flex is a flexible paint specifically formulated to bridge existing cracks and future forming cracks. Jotashield Flex is designed to elongate up to 320%. It has passed the SS500 certification set by Singapore for elastomeric paints.

Jotashield Flex also offers 2 X UV Protected Colours which has been tested and certified by independent lab tests. On top of that, Jotashield Flex has high resistance to carbon dioxide diffusion, as well as low chloride ion permeability.

Other features include:

- Widest range of UV safe colours
- Low Dirt Pickup
- Anti Algae / Anti Fungal
- Green Product (Meets Singapore Green Label Certification)
- 100% Lead and Mercury free



JOTASHIELD

Jotashield is Jotun's premium exterior paint, offering Superior Exterior Protection.

Jotashield's 100% Pure Acrylic formulation has been formulated to protect your walls against the harsh tropical climate.

Jotashield's 2X UV Protected Colours has been tested and certified by independent lab tests. The tests prove beyond doubt, that Jotashield has excellent colour retention compared to standard exterior paints.

Other features include:

- Widest range of UV safe colours
- Low Dirt Pickup
- Anti Algae / Anti Fungal
- Green Product (Meets Singapore Green Label Certification)
- 100% Lead and Mercury free






JOTASHIELD PRIMER 07

Jotashield Primer 07 is the foundation for the Jotashield Paint system. It is an Acrylic based primer with excellent alkaline resistance. It improves adhesion to the wall for paint and is the choice of primer for architects, developers and painters.

- Superb Adhesion
- Alkaline Resistant

JOTASHIELD FAMILY

Product	Performance	2X UV Protected Colours	Low Dirt Pick Up	Anti Algae & Anti Fungal	100% Lead and Mercury Free	Multicolor Tintable	2X Heat Reflective	Covers Hairline Cracks
	8 Years	✓	✓	✓	✓	✓	✓	
	5 Years	✓	✓	✓	✓	✓		✓
	5 Years	✓	✓	✓	✓	✓		

JOTASHIELD PAINT SYSTEMS



1. Surface Preparation	The substrate must be dry, clean & sound, free from dust, oil, grease and laitance etc. All traces of release agents must be removed. On chalky and dusty surfaces, all loose materials must be removed by stiff bristle brushing		
2. Recommended Paint System – Fresh Concrete	1 X Cito Primer 09 2 X Jotashield Extreme	1 X Cito Primer 09 2 X Jotashield Flex	1 X Cito Primer 09 2 X Jotashield
3. Recommended Paint System – Existing, sound surfaces	1 X Jotashield Primer 07 2 X Jotashield Extreme	1 X Jotashield Primer 07 2 X Jotashield Flex	1 X Jotashield Primer 07 2 X Jotashield
4. Typical theoretical Spreading Rate (Sq Metre/Litre)	10 -13	5 - 7 (min 150 microns thickness)	10 -13
5. Drying Time	Min 2 hours	Min 2 hours	Min 2 hours
6. Recoat Time	2-3 hours	4 hours	2-3 hours

Please contact your local Jotun office for product specifications and availability.

For more information on product used, handling procedures and technical data, kindly refer to our Technical Data Sheets.

Jotun ColourAdvisor

Colour your imagination with Jotun ColourAdvisor.

To find out more, log on to jotun.com/ap



Preview your desired colours online now!



Take a digital snapshot of your home.



Log on to jotun.com/ap
Start colouring your photo.



Share makeover photos with family and friends.

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Jotun Protects Property