JOTAShield extreme

Superior Exterior Protection
JOTASHIELD EXTREME
THE DURABLE PAINT FOR THE EXTREMELY HARSH ARID 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 utilises infrared reflective pigment.

Now all your colours can become ‘cool’ colours.

Benefits of 2x 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)
Reflective value of standard paint compared to Jotashield Extreme

The chart shows the amount of Near Infrared (NIR) reflected by a standard paint system 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 Diagnostic 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.
10 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 the highest grade ingredients in Jotashield Extreme’s formula. It is optimised to withstand even the hardest arid climates.

Rest assured with our 10 Year 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 featured in Jotashield Extreme are ultraviolet (UV) resistant due to Jotun’s advanced Pigment Technology.

LOW DIRT PICK UP

Jotashield Extreme’s advanced formulation forms an extra durable and water resistant paint surface. Surfaces remain cleaner and brighter all the time.
ANTI CARBONATION

Jotashield Extreme prevents concrete corrosion by preventing the reaction of CO2 from the atmosphere with mineral salts found in Concrete.

SUSTAINABILITY

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.

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

<table>
<thead>
<tr>
<th>Paint Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearl 121</td>
<td>767</td>
</tr>
<tr>
<td>Sensual Touch 767</td>
<td>2108</td>
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<tr>
<td>Bismarck 2108</td>
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</tr>
<tr>
<td>Silver Cloud 2098</td>
<td>4066</td>
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<tr>
<td>Zen Grey 4066</td>
<td>117</td>
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<td>Dove Grey 117</td>
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<tr>
<td>Sage Green 6013</td>
<td>5043</td>
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<tr>
<td>Pale Teal 5043</td>
<td>576</td>
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<tr>
<td>Cerulean 576</td>
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</tr>
<tr>
<td>Pacifica 5039</td>
<td>5018</td>
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<tr>
<td>Aquamarine Blue 5018</td>
<td>5041</td>
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<tr>
<td>Coastal Wave 5041</td>
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</tr>
<tr>
<td>Sea Spray 6024</td>
<td>5011</td>
</tr>
<tr>
<td>Sirrocco 5011</td>
<td>4089</td>
</tr>
<tr>
<td>Celestial 4089</td>
<td></td>
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</tbody>
</table>
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.
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.
**Dawn To Dusk** brings the best that Middle East has to offer. Its warm reds, rustic browns and lively yellows infuse our lives with the golden hues of the sun.

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>Colour Name</th>
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<tbody>
<tr>
<td>Ivory 567</td>
<td>Peach Sky 1117</td>
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<tr>
<td>Magnolia 566</td>
<td>Wood Smoke 568</td>
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<tr>
<td>Evening Shadow 1134</td>
<td>Damascus Dusk 2086</td>
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<tr>
<td>Grey Light 2106</td>
<td>Mahogany Ash 2095</td>
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<td>Sand Dust 2043</td>
<td>Island Tan 2090</td>
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<tr>
<td>Petra Stone 1118</td>
<td>Sahara Sand 1132</td>
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<td>Sienna Ray 1120</td>
<td>Russet 2096</td>
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<tr>
<td>Cocoa Seed 2135</td>
<td></td>
</tr>
</tbody>
</table>

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.
Surface Preparation
The surface must be clean, dry and fully cured and totally free from dirt, dust, cement and other contamination. Loose paint and particles must be removed. If a detergent is used for cleaning, rinse with fresh water. For porous and chalky surface apply one extra coat of Jotashield Penetrating Primer.

Paint Systems
Jotashield Penetrating or Alkali Resistant Primer 1 coat
Jotashield Extreme 2 coats

If any Block filler is used to rectify imperfections on the substrate, proper sanding followed by a full undiluted coat on Penetrating Sealer must be used before applying any Jotashield Topcoats.

JOTASHIELD EXTREME CAN BE USED AS A TOPCOAT ON ANY OF THE OTHER SYSTEMS.

Other systems may be specified, depending on area of use.

Typical Theoretical Spreading Rate (sq. meter/litre)
12-13 (30 microns dry film thickness).

Drying Time
6 hours

Recoat Time
6 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.

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