Product description
Roofguard is an emulsion based, highly durable, thick, flexible waterproof coating.

Recommended use
Roofguard should be used for the protection of roofs. It fills and bridges hairline cracks and forms a seamless layer with excellent bonding properties. Roofguard is well suited to protect expanded polyurethane foam from deterioration by U. V. rays.

Film thickness and spreading rate

<table>
<thead>
<tr>
<th></th>
<th>Minimum</th>
<th>Maximum</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Film thickness, dry (µm)</td>
<td>275</td>
<td>550</td>
<td>400</td>
</tr>
<tr>
<td>Film thickness, wet (µm)</td>
<td>550</td>
<td>1100</td>
<td>800</td>
</tr>
<tr>
<td>Theoretical spreading rate (m²/l)</td>
<td>0.09</td>
<td>1.8</td>
<td>1.25</td>
</tr>
</tbody>
</table>

Physical properties
Colour
White
Solids (vol %)*
50 ± 2
*Measured according to ISO 3233:1998 (E)

Surface preparation
The surface must be clean, dry and free from laitance, dust, sand and other contaminations. Local touch-up of larger blow holes or cracks should be carried out prior to the application of the first full coat of Roofguard.

Other surfaces
The coating may be used on other substrates. Please contact your local Jotun office for more information.

Condition during application
The temperature of the substrate should be min. 10°C and min. 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

Application methods
Spray
Airless spray.
Brush
Recommended.
Roller
Recommended.
Other
Trowel.

Application data
Mixing ratio (volume)  Single pack.
Thinner/Cleaner      Water.
Guiding data airless spray
Pressure at nozzle  140 - 190 kg./cm² (2100 p.s.i.)
Nozzle tip          0.021” - 0.027”
Spray angle         65° - 80°
Filter             Check to ensure that filters are clean.

**Drying time**

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
* Relative humidity 70%

<table>
<thead>
<tr>
<th>Substrate temperature</th>
<th>10°C</th>
<th>23°C</th>
<th>40°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface dry</td>
<td>16 h</td>
<td>8 h</td>
<td>6 h</td>
</tr>
<tr>
<td>Through dry</td>
<td>48 h</td>
<td>24 h</td>
<td>18 h</td>
</tr>
<tr>
<td>Dry to recoat, minimum</td>
<td>48 h</td>
<td>24 h</td>
<td>18 h</td>
</tr>
<tr>
<td>Dry to recoat, maximum</td>
<td>1,3</td>
<td>2,3</td>
<td></td>
</tr>
</tbody>
</table>

1. Recommended data given 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 – reference is made to the corresponding system data sheet.
3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. A complete system can be described on a system sheet, where all parameters and special conditions could be included.

**Typical paint system**

Roofguard         1 x 400 µm (Dry Film Thickness)
Jotaforce (While the first coat of Roofguard is still wet.)
Roofguard         1 x 400 µm (Dry Film Thickness)

Other systems may be specified, depending on area of use

**How to Use.**

Generally, two coats of Roofguard are recommended for a satisfactory performance. However, in order to achieve the best results, a laminated system of Roofguard/Glassfibre matting/Roofguard should be used, with the glassfibre being embedded into the first coat of Roofguard while still wet.

**Storage**

The product must be stored in accordance with national regulations. The product must be kept in a cool and well-ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.
Handling
Handle with care. Stir well before use.

Packing size
1 US G and 5 US G.
Packing may vary from country to country according to local requirements.

Health and safety
Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

For detailed information on the health and safety hazards and precautions for use of this product, we refer to the Material Safety Data Sheet.

DISCLAIMER
The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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Jotun is a World Wide company with factories, sales offices and stocks in more than 50 countries. For your nearest local Jotun address please contact the nearest regional office or visit our website at www.jotun.com

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