

# Technical Data

## BENGALAC GLOSS



### Product description

A superior alkyd based enamel topcoat providing a durable high gloss finish.

### Recommended use

Ideal for use on exterior and interior wooden and steel surfaces. Also recommended on interior cement plaster and concrete, wooden surfaces.

### Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry ( $\mu\text{m}$ )	25	35	30
Film thickness, wet ( $\mu\text{m}$ )	65	90	75
Theoretical spreading rate ( $\text{m}^2/\text{l}$ )	15	11	13

### Physical properties

**Colour** As per the colour card.

**Solids (vol %)\***  $38 \pm 2$

**Flash point**  $40^\circ\text{C} \pm 2$  (Setaflash)

\*Measured according to ISO 3233:1998 (E)

### Surface preparation

The Surface must be dry, clean and undamaged primer or undercoat.

#### 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.  $10^\circ\text{C}$  and min.  $3^\circ\text{C}$  above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

### Application methods

**Spray** Airless or conventional spray.

**Brush** Recommended.

**Roller** Recommended.

### Application data

**Mixing ratio (volume)** Single pack.

**Thinner/Cleaner** Jotun Thinner No. 2

**Guiding data airless spray**

<b>Pressure at nozzle</b>	150 kg./cm <sup>2</sup> (2100 p.s.i.)
<b>Nozzle tip</b>	0.013" - 0.021"
<b>Spray angle</b>	65° - 85°
<b>Filter</b>	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

<b>Substrate temperature</b>	<b>10° C</b>	<b>23° C</b>	<b>40° C</b>
<b>Surface dry</b>	16 h	8 h	6 h
<b>Through dry</b>	48 h	24 h	18 h
<b>Dry to recoat, minimum</b> <sup>1</sup>	48 h	24 h	18 h
<b>Dry to recoat, maximum</b> <sup>2,3</sup>			

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

### On Wooden Surfaces.

Bengalac Wood Primer	1 coat
Stucco (Interior only)	2 Coats
<b>Bengalac Glossy</b>	<b>2 Coats</b>

### On Cement plaster or Concrete (Interior only) :

Acrylic Emulsion Primer	1 Coat
Stucco	2 coats
<b>Bengalac Glossy</b>	<b>2 Coats</b>

### On Steel Surfaces.

Bengalac Red Oxide Primer or Cromoprimer	1 x 35 µm	(Dry Film Thickness)
<b>Bengalac Gloss</b>	<b>2 x 35 µm</b>	<b>(Dry Film Thickness)</b>

Other systems may be specified, depending on area of use

## 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.*

### Head Office & Nordic

Jotun Paints  
P.O. Box 2021  
N-3248 Sandefjord  
Norway  
Phone +47 33 45 70 00  
Fax +47 33 46 46 13

### Europe

Jotun Paints (Europe) Ltd.  
Stather Road, Flixborough  
North Lincolnshire DN15 8RR  
United Kingdom  
Phone +44 172 44 00 000  
Fax +44 172 44 00 100

### Middle East

Jotun U.A.E Ltd. LLC.  
Al Quoz Industrial Area  
P.O Box 3671  
Dubai U.A.E  
Phone +971 4 3 39 50 00  
Fax +971 4 3 38 06 66

### South East Asia

Jotun (Singapore) Pte. Ltd.  
No 11-15, Sixth Lok Yang  
Road  
Jurong  
Singapore 628 111  
Phone +65 6265 4711  
Fax +65 6265 7484

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](http://www.jotun.com)

ISSUED 18 NOVEMBER 2002 BY JOTUN PAINTS  
THIS DATA SHEET SUPERSEDES THOSE PREVIOUSLY ISSUED