

Xtreme Gloss

Type

This is a two component chemically curing acrylic polyurethane coating. It is an abrasion resistant high solids product. It has a high gloss finish with excellent gloss retention. To be used as topcoat in atmospheric environments.

Recommended use

Exterior areas, including hull, above waterline and superstructure.

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Xtreme Gloss Comp A	0.54 / 2	0.75 / 2.8
Xtreme Gloss Comp B	0.14 / 0.5	0.3 / 0.75

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Product data

Colours	according to colour card		
Gloss level	high gloss (85+)		
Generic type	polyurethane		
Solids	60 ± 2 volume%		
Flash point	36 °C		
VOC for Ready-for-Use Mixture	EU limit value for this product (cat. A/j): 427 g/l (2007). This product contains max 427 g/l VOC.		
VOC	360	g/l	US EPA method 24

Application data

The product can be applied by

Brush: Use high-quality natural brushes (such as badger or ox hair).

Roller: Use a suitable roller. However when using roller application care must be taken to apply sufficient material in order to achieve the specified dry film thickness.

Spray: Use conventional spray. Airless spraying is not recommended.

Spreading rate per coat

Theoretical 13,3 m²/l - 6,7 m²/l

Recommended film thickness per coat

Wet 75 µm - 150 µm

Dry 45 µm - 90 µm

Spray application:

Three wet-on-wet coats at 20 µm DFT each are recommended. WFT values are for unthinned product. To achieve the specified DFT after thinning it is necessary to increase the WFT with 20-25 %.

Brush and roller application:

Requires multiple coats to build the required DFT. Between each coat, allow at least 8 hours. WFT values are for unthinned product. To achieve the specified DFT after thinning it is necessary to increase the WFT with 5-10 %.

Product mixing ratio (by volume)

Xtreme Gloss Comp A 4 part(s)

Xtreme Gloss Comp B 1 part(s)

Induction time and Pot life

Paint temperature

23 °C

Pot life after mixing

6 h

Thinner

Jotun Thinner No. 18

Reduce the viscosity by thinning the product.

Spray application: 20-25 %.

Brush and roller application: 5-10 %.

Above 35 °C - : Mixture of: Jotun Thinner No. 18, Jotun Thinner No. 12

The ideal viscosity of this product is 14-16 seconds when measured with Ford Cup #4 (13-15 seconds with DIN Cup #4).

Drying times

Drying and curing times are determined under controlled temperatures and relative humidity below 85%, and at the typical DFT for the product.

Relative Humidity (RH) 50 %

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	5 h	4 h	2 h	1 h
Hard dry	30 h	20 h	8 h	4 h
Dry to over coat, minimum	18 h	10 h	5 h	4 h
Dry to over coat, maximum, atmospheric	6 d	72 h	36 h	18 h
Cured	15 d	10 d	5 d	2 d

Directions for use

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

Pretreatment

Coated surfaces:

After curing, follow with manual or power tool sanding with aluminium oxide or silicon carbide sandpaper with grit P320 followed with grit P400 to avoid leaving scratch marks. The surface for topcoating should be solvent wiped using Jotun Thinner No. 18.

Wipe solvent on with a clean white cotton cloth and then wipe off the solvent with another clean white cotton cloth.

Shelf life at 23 °C

Xtreme Gloss Comp A 48 month(s)

Xtreme Gloss Comp B 24 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

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.