

## MEGAGLOSS

**PRODUCT DESCRIPTION:** Megagloss is a two-pack polyester polyurethane topcoat with excellent gloss and colour retention.

**RECOMMENDED USE:** As topcoat over an epoxy system where a durable, high gloss finish is required in aggressive atmospheric exposure. Cures at low temperatures.

### TECHNICAL INFORMATION:

Colour : White & Blue Elegant. Colours tinted from Multicolor Industry System  
 Solids (% by volume) \* : 49 ± 2%  
 Flash point : 15°C ± 2      Water resistance : Very good  
 Flexibility : Very good      Abrasion resistance : Very good  
 Gloss : High Gloss      Solvent resistance : Very good  
 Gloss retention : Excellent :  
 Temperature resistance : Up to 150°C dry temperature

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

	Film thickness per coat in µm		Spreading rate m <sup>2</sup> /lt	
	Dry	Wet	Theoretical	Practical (less 30%)
Application range :	30 – 50	60 – 100	16,3 – 9,8	11,4 – 6,8
Thinned (30%) conventional spray :	25	65	15,1	10,6
Thinned (35%) conventional spray :	25	70	14,5	10,2
Thinned (40%) conventional spray :	25	75	14,0	9,8

### APPLICATION DATA:

Application methods : Conventional spray.  
 Mixing ratio (by volume) : 3 parts Comp. A (base) to 1 part Comp. B (curing agent).  
 Pot life (23°C) : 8 hours (Reduced at higher temp.).  
 Thinner/Cleaner : Jotun Thinner N° 19 (fast evaporation) when temperature is low.  
 Jotun Thinner N° 18 (slow evaporation) when temperature is high.

Application instructions : Megagloss should be thinned aprox. 30-40% to adjust the product to the right application viscosity which is 18 seconds DIN 4.  
 Apply a tack coat 50-70 microns wet (20-30 microns dry). Let flash 30-45 minutes then apply a second coat. After 30-45 minutes apply the third finish coat.

**SURFACE PREPARATION:** The substrate must be clean and dry. Surface contamination is to be removed by detergents and fresh water cleaning.

**CONDITION DURING APPLICATION:** The temperature of the substrate should be minimum 10 °C and minimum 3°C above the dew point of the air. The temperature and relative humidity should be measured in the vicinity of the substrate. Good ventilation is necessary when the paint is used in confined spaces. With forced ventilation, avoid heated air at first as this may cause surface drying and solvent entrapment. MEGAGLOSS should not be exposed to mechanical wear before being fully cured.

**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.
- \* Recommended film thickness.
- \* One coat on top of inert substrate.

Substrate temperature	Surface dry	Hard dry	Cured
10°C	10 h	40 h	10 d
23°C	3 h	16 h	7 d
35°C	1 h	8 h	3 d

The surface should be free from contamination prior to application. If the maximum time is exceeded it is necessary to roughen the surface.

**The given data should be considered as guidelines only. The actual drying time/times may be shorter or longer, depending on existing coating, generic type, film thickness, system chosen, n° of coats, ventilation, temperature, humidity, 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  
RECOMMENDED  
PAINT SYSTEM:**

1) *STEEL SURFACE*

MEGAMASTIC	2x200 µm (Dry Film Thickness).
MEGAPRIMER WHITE	1x100 µm (Dry Film Thickness).
PENGUIN SPEED UNDERCOAT	1x50 µm (Dry Film Thickness).
<b>MEGAGLOSS</b>	<b>3 - 4 coats wet on wet.</b>

2) *ALUMINUM AND GRP SURFACES*

MEGAPRIMER WHITE	2x100 µm (Dry Film Thickness).
PENGUIN SPEED UNDERCOAT	1x50 µm (Dry Film Thickness).
<b>MEGAGLOSS</b>	<b>3 - 4 coats wet on wet.</b>

**STORAGE:**

The product must be stored in accordance with national regulations. Preferred storage conditions are to keep the containers in a dry space provided with adequate ventilation. The containers should be sealed tightly.

**HANDLING:**

Handle with care. Stir well before use.

**PACKING CONTENT:**

3 Litres; 2,25 L Comp. A (base) and 0,75L Comp. B (curing agent)

**HEALTH AND  
SAFETY:**

Please observe the precautionary notices displayed on the container. Spray 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 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.*