

Technical Data

Jotaprime 265



Product description

Jotaprime 265 is a rapid drying, semi-gloss alkyd based primer/finish with active anti-corrosive pigmentation. Jotaprime 265 does not contain chromates.

Recommended use

Jotaprimer 265 is a rapid drying primer/ finish for general structural steel where decorative effect is required from the primer.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (μm)	40	100	75
Film thickness, wet (μm)	95	240	180
Theoretical spreading rate (m^2/l)	10,5	4,2	5,6

Physical properties

Colour	Limited range
Solids (vol %)*	42 \pm 2
Flash point	20°C \pm 2 (Setaflash)
VOC	510 gms/ltr UK-PG6/23(97). Appendix 3
Gloss	Semigloss
Gloss retention	Fair
Abrasion resistance	Fair
Solvent resistance	Good
Chemical resistance	Poor
Flexibility	Good

*Measured according to ISO 3233:1998 (E)

Surface preparation

All surfaces should be clean, dry and free from contamination. The surface should be assessed and treated in accordance with ISO 8504.

Bare steel

Cleanliness: Power tool cleaning to min. St 2, mill scale free (ISO 8501-1:2007). Improved surface treatment (blast cleaning to Sa 2½) will improve the performance.

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 minimum 5°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. Good ventilation is usually required in confined areas to ensure proper drying. The coating should not be exposed to oil, chemicals or mechanical stress until cured.

Application methods

Spray	If airless spray is used the paint must be diluted 5-10 % with Jotun Thinner No. 7.
Brush	Recommended for touch-up purposes.
Roller	May be used for small areas.

Application data

Mixing ratio (volume)	Single pack.
Thinner/Cleaner	Jotun Thinner No. 7
Guiding data airless spray	
Pressure at nozzle	15 MPa (150 kp/cm ² , 2100 psi.).
Nozzle tip	0.45-0.66 mm (0.018-0.026").
Spray angle	40 - 65°
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

Substrate temperature	5°C	10°C	23°C	40°C
Surface dry	60 min	30 min	10 min	5 min
Through dry	8 h	4 h	2 h	1 h
Dry to recoat, minimum	24 h	16 h	8 h	4 h

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

1) Jotaprime 265	1 x 75 µm	(Dry Film Thickness)
or		
2) Jotaprime 265	1 x 75 µm	(Dry Film Thickness)
Jotacote QD	1 x 50 µm	(Dry Film Thickness)

Other systems may be specified, depending on area of use

Storage

The product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Packing size

20 litre container

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 can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.

If there is any inconsistency in the text the English (UK) version will prevail.

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