

Technical Data

RED LEAD PRIMER ME



Product description

Red Lead Primer ME. is a quick drying alkyd based primer.

Recommended use

Exposed steel where a rapid drying, traditional red lead primer is required.

Film thickness and spreading rate

	Minimum	Maximum	Typical
Film thickness, dry (μm)	35	50	40
Film thickness, wet (μm)	70	100	80
Theoretical spreading rate (m^2/l)	14.3	10	12.5

Physical properties

Colour	Red-orange
Solids (vol %)*	50 \pm 2
Flash point	36°C \pm 2 (Setaflash)
Gloss	Flat
Water resistance	Limited
Flexibility	Fair

*Measured according to ISO 3233:1998 (E)

Surface preparation

Bare steel

Cleanliness: Power tool cleaning to min. St 2, mill scale free (ISO 8501-1:1988). 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 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 correct drying.

Application methods

Mixing ratio (volume)	Single pack.
Thinner/Cleaner	Jotun Thinner No. 2
Guiding data airless spray	
Pressure at nozzle	Pressure at nozzle: 15 MPa (150 kp/sq. cm, 2100 p.s.i.)
Nozzle tip	0.015" - 0.021" (0.38 mm - 0.53 mm)
Spray angle	40° - 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

Substrate temperature	10°C	23°C	40°C
Surface dry	3 h	1 h	1 h
Through dry	6 h	3 h	3 h
Dry to recoat, minimum	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

Red Lead Primer ME	2 x 40 microns	(Dry Film Thickness)
Pilot I	1 x 40 microns	(Dry Film Thickness)
Pilot II	1 x 40 microns	(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

4 L, 20 L.

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

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