

# Xtralac

## TECHNICAL DATA SHEET



### Description of the product

**XTRALAC** is an enamel paint based on alkyd resins for interior and exterior surfaces. It provides **anticorrosive protection** to the surface, excellent and long-lasting gloss, great resistance to adverse weather conditions and UV rays. It is easily applied and offers a perfect finish while it renders an elastic and hard film.

### Recommended uses

It is applied on interior or exterior metal surfaces (metal structures, machines, etc).

### Technical characteristics

**Resin:** Alkyd

**Density (white):** 1.08±0.04 gr/ml (EN ISO 2811.01, 20°C)

**Production Viscosity:** 10.75±1.85 poise (ISO 2884.02, 20°C)

**Storage Viscosity:** 12±3 poise (ISO 2884.02, 20°C)

**Solids b.w. (white):** 60±3% (EN ISO 3251)

**Solids b.v. (white):** 44±3% (ISO 3233)

**Flash point:** 37±3°C (EN ISO 1523)

**VOC (Volatile Organic Compounds):** **XTRALAC** belongs to the category A/i SB (One pack performance coatings). EU Limit Value: 500 g/l. The ready to use product contains max. 465 g/l.

### Shades

Available in white, black, cypress and in thousands shades via CHROMASYSTEM color tinting machine.

### Properties

**Whiteness index (white):** ≥ 67 (ASTM E 313)

**Yellowing index (white):** ≤ 6.5 (ASTM E 313)

**Adhesion (Cross-Cut on PRIMETAL 43):** 1-3 (EN ISO 2409)

**Hardness (König):** 32±7 sec, after 7 days (EN ISO 1522)

**Impact Test:** in/out 60±20/60±20 inch/pounds (ASTM D 2794)

**Bend test (Mandrel):** 2mm OK (EN ISO 1519)

**Gloss 20°:** 75 (EN ISO 2813)

**Scratch test:** 8±1 N, for 2 coats (EN ISO 1518)

**Exposure to fluorescent UV:** 500 h: No change is noted on the film. (EN ISO 11507)

#### Resistance to salt spray:

*As a system with PRIMETAL 43:* Very good protection for at least 600 hours. (EN ISO 9227)  
(1 coat PRIMETAL 43 + 2 coats XTRALAC)

### Spreading rate

**Dry film thickness per coat:** 45±5 µm.

**Recommended total dry film thickness:** 90±10 µm.

**Spreading rate:** 9.5±1 m<sup>2</sup>/Lt, per coat, for dry film thickness 45±5 µm.

14.5±2 m<sup>2</sup>/Lt, per coat, for dry film thickness 30±5 µm.

### Application instructions

Surfaces are cleaned from oil, dust and flaking parts are removed. For removing or stabilizing the rust, apply **PRERUST** or **RUSTABIL** respectively. For absolute protection of the surface it is recommended to apply 1 coat of alkyd based anticorrosive primer, such as **REDOX, GRIDOX, PRIMETAL**.

**XTRALAC** is applied in 2 coats.

**Application method:** Brush, roller, spray.

**Diluent:** CHROTEX BRUSH SOLVENT or CHROTEX SPRAY SOLVENT, depending on the application method.

**Thinning:** *For application with brush, roller:* Dilute up to 5% v/v [Application viscosity: 180±40 sec (DIN 53211/4 mm, 23°C).

*For spraying:* Dilute up to 10% v/v [Application viscosity: 100±10 sec (DIN 53211/4 mm, 23°C), Nozzle size: 1.6-1.8 mm, air pressure: 2-3 bar].

Tools are cleaned immediately after the application with solvent, soap and water.

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#### Drying time

**Set to touch:** 25±10 minutes (ASTM D 1640).

**Dry through:** 6±1 hours.

**Recoating time:** After 16 hours.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

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#### Coating system

On metal surfaces the use of an anticorrosive primer is not necessary. On galvanized surfaces it is recommended to use ADHEX.

*Other systems may be applied, depending on the application.*

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#### Packaging

All shades are available in 0.375 Lt, 0.75 Lt, 2.5 Lt.

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#### Storage

1 year, provided the cans remain closed and in normal storing conditions.

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#### Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

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#### Notes

- With the addition of **HARDADO** up to 15% v/v, a film of higher gloss, hardness and mechanical resistance is achieved. The mixture has a pot life of 8 hours (20°C).
- It is recommended to avoid application of the product at temperatures below 10°C, greater than 36°C and relative humidity higher than 85%.

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