

# LUXAL

## Luxal®



### TYPE OF PRODUCT

Universal anticorrosion enamel based on alkyd resins.

### APPLICATION AREA

Universal enamel for protection and decoration of metal, different wood surfaces and decoration of interior walls.

### PROPERTIES

- resistant to the effects of weathering
- resistant to flue gas
- good mechanical properties (elasticity, hardness)
- heat-resistant up to 80 °C (light shades) and 120 °C (dark shades)
- anticorrosion properties

### COLOUR SHADES AND GLOSS

It is produced in 21 standard shades or as ordered.  
Glossy or matt (white and black).

### BASIC DATA

Mass density: 950 - 1430 kg/m<sup>3</sup> (depending on the shade; HRN EN ISO 2811-1)  
Solid content (vol%): ~ 52,5 (white); ~ 51,5 (brown)

Dry film thickness: 30 µm

Viscosity: 200 - 250 s (HRN EN ISO 2431)

### SURFACE REQUIREMENTS

Applied to the previous applied appropriate primer (LUXAL PRIMER, LUXAL PRIMER Rapid or LUXAL WASH PRIMER for metal surfaces; CHROMOLUX PRIMER for wood surfaces). Previous coats, dry and free from any contamination and sufficiently roughened.

### RECOMMENDED CONDITIONS

During application and curing, substrate temperature should be at least 3 °C above dew point.

### THINNING

By CHROMOS SINTETIC THINNER up to 10 %.

Last update: July 2014.

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#### APPLICATION METHOD

airless spray      air spray      brush/roller

#### VOLUME OF THINNER (MAX. VOL. %)

5      10      15

#### INSTRUCTION FOR USE

Drying (hardening)  $t = 20^{\circ}\text{C}$ , 65 % rel. humidity:

- dust dry: 1 - 2 h
- touch dry: 6 - 8 h

Overcoating interval: minimum 16 - 24 h, maximum without limitation

By lower temperatures and higher relative humidity, drying time is prolonged.

required dry film thickness: 30  $\mu\text{m}$

required wet film thickness: 60  $\mu\text{m}$  (white)

Stir well before use. Temperature of paint should be above 15  $^{\circ}\text{C}$ , otherwise extra thinner has to be put into paint to achieve application viscosity. Too much solvent causes sagging of paint.

#### SPREADING RATE

0,06 l/m<sup>2</sup> (16,6 m<sup>2</sup>/l for 30  $\mu\text{m}$  d.f.t. - white) in one layer

0,063 l/m<sup>2</sup> (16,0 m<sup>2</sup>/l for 30  $\mu\text{m}$  d.f.t. - brown) in one layer

#### EU VOC CATEGORY AND LIMITS

IIA(i), 500 g/l (2010); product contains: max. 500 g/l

#### PACKAGING

0,2; 0,75; 4 and 20 l.

#### STORAGE

In dry and good ventilated space at temperatures from +5  $^{\circ}\text{C}$  to +25  $^{\circ}\text{C}$ .

Shelf life: 5 years.

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