

LUXAL 3 IN 1

Luxal®



TYPE OF PRODUCT

Universal anticorrosion enamel based on alkyd resins.

APPLICATION AREA

Enamel for protection and decoration of metal and steel surfaces which can be applied directly to surface without primer. Decorative and protection properties (rust protection), for interior and exterior surfaces.

PROPERTIES

- resistant to the effects of weathering
- resistant to flue gas
- good mechanical properties (elasticity, hardness)
- good adhesion to metal and steel surfaces
- anticorrosion properties

COLOUR SHADES AND GLOSS

It is produced in 9 standard shades or as ordered.
Glossy or matt (white and black).

BASIC DATA

Mass density: 1050 - 1150 kg/m³ (depending on the shade; HRN EN ISO 2811-1)
Solid content (vol%): 65 ~ 70
Dry film thickness: 30-40 µm
Viscosity: 2000 - 3500 s (HRN EN ISO 3219:2002)

SURFACE REQUIREMENTS

Applied directly to metal surface that is appropriate prepared; degreasing, blast cleaning up to standard Sa 2½ or mechanical cleaning up to St 3.
Previous coats, dry and free from any contamination and sufficiently roughened. Degreasing, blast cleaning up to standard Sa 2½ or mechanical cleaning up to St 3.

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.

Limitation of Liability. The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by Chromos, whether in technical documentation or in response to specific enquiry or otherwise are based on data which to the best of our knowledge are reliable. It is end users responsibility to determine the suitability of the product for its intended use. Producer has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Chromos does therefore not accept any liability arising from loss, injury or damage resulting from such use. The data contained herein are liable to modification as result of practical experience and continuous product development.

Luxal[®]



APPLICATION METHOD

airless spray air spray brush/roller

VOLUME OF THINNER (MAX. VOL. %)

5 10 5

INSTRUCTION FOR USE

Drying (hardening) t = 20 °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 µm

required wet film thickness: 60 µm (white)

Stir well before use. Temperature of paint should be above 15 °C, otherwise extra thinner has to be put into paint to achieve application viscosity. Too much solvent causes sagging of paint.

SPREADING RATE

0,083 - 0,1 l/m² (10,0 - 12 m²/l for 30 µm d.f.t. - white) in one layer

EU VOC CATEGORY AND LIMITS

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

PACKAGING

Tin plate canister 0,75 l

STORAGE

In dry and good ventilated space at temperatures from +5 °C to +25 °C.

Shelf life: 5 years.

Last update: July 2014.

Limitation of Liability. The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by Chromos, whether in technical documentation or in response to specific enquiry or otherwise are based on data which to the best of our knowledge are reliable. It is end users responsibility to determine the suitability of the product for its intended use. Producer has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Chromos does therefore not accept any liability arising from loss, injury or damage resulting from such use. The data contained herein are liable to modification as result of practical experience and continuous product development.