

LUXAL TERMO

Luxal®



TYPE OF PRODUCT

Temperature resistant enamel based on hydrocarbon binder (silver), epoxy ester binder (black) and pigments resistant to high temperatures.

APPLICATION AREA

To protect the exhaust pots and tubes of cars and other vehicles (LUXAL THERMO silver) and for the protection of the exhaust pipes of cars, metal parts of the fireplace, oil stoves. (LUXAL THERMO black).

PROPERTIES

- Excellent hardness and elasticity
- Good weathering resistant
- Stable at high temperatures:
 - LUXAL THERMO silver up to 400 °C
 - LUXAL THERMO black to 350 °C

COLOUR SHADES AND GLOSS

Black (matt) and silver (semi matt)

DENSITY

1120 - 1220 kg/m³ (black) (HRN EN ISO 2811-1:2004)
920 - 1020 kg/m³ (silver)

SOLID CONTENT (VOL. %):

36,0 (black)
19,5 (silver)

VISCOSITY

30 - 50 s (black) (DIN 53211:1974)
10 - 15 s (silver)

SURFACE REQUIREMENTS

Steel surfaces should be dry, clean, without grease, corrosion products and other impurities. We recommend shot blasting up to level Sa 2^{1/2} or mechanical cleaning up to level St 3.

Last update: March 2017

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THINNING (MAX. VOL. %)

Black shade is thinning by LUXAL NITRO thinner up to 10 %; silver shade is not thinning.

APPLICATION METHOD

airless spraying

air spraying

dipping

VOLUME OF THINNER (MAX. VOL. %)

up to 5 % (only black)

up to 10 % (only black)

up to 10 % (only black)

INSTRUCTION FOR USE

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

- dry to handling 1-2 hours
- dried through 24 hours

At lower temperatures and higher air humidity, drying time will be extended.

Dry film thickness: 20 μm

Wet film thickness: 100 μm (silver)

56 μm (black)

In order to achieve a better protection, LUXAL THERMO should be gradually and slowly heated (after at least 48 hours of air drying).

Stir well before use.

After using, the tool should be washed with LUXAL NITRO thinner.

SPREADING RATE

0,10 l/m² (10,0 m²/l for 20 μm d.f.t. - silver) in one layer

0,06 l/m² (16,5 m²/l for 20 μm d.f.t. - black) in one layer

EU VOC CATEGORY AND LIMITS

IIB(e), 840 g/l (2008); product contains: max. 750 g/l.

PACKAGING

Metal can á 0,2 and 0,75 l.

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STORAGE

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

SAFETY

The information about the safe handling, storage and disposal of products please check in the Safety Data Sheet.

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