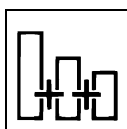
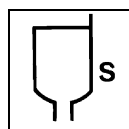


LS172 (29172) EPODUR MATT

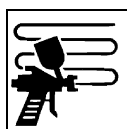


1000 ml +
200 ml +
450-500 ml

Pot life at 20°C:
8 hours



20° FC 4
at 20 °C



Ø 1.4 mm
3 - 5 Atm
HVLP:
Ø 1.3 - 1.4 mm
2 - 2.5 Atm
N° of coats:
2 - 3



Air drying at 20 °C
Handling: 5 - 6 h
Through-drying: 48 h
Low bake at 60 °C:
60 min.

DESCRIPTION

Two-pack HS matt epoxy-vinyl enamel.

USE

In Industry field suitable for any substrate where excellent chemical resistance is required, but no outside resistance is necessary.

CHARACTERISTICS

- Very good hardness and adhesion.
- Excellent resistance against aggressive chemical agents and solvents (mineral, vegetable and animal oils and fats, acids, alkalis, organic solvents) in normal conditions of concentration and exposure.
- Good adhesion on glass (for furniture).
- Uniform matt effect.
- The product does not contain any anticorrosive pigments; steel protection due to barrier effect.

SUBSTRATE PREPARATION

Metallic substrates: apply one coat of EPOXIPRIMER. It is possible to directly apply EPODUR.

On porous substrates such as **concrete** or **wood**, apply the first coat very thinned.

Glass: degrease perfectly with 00617 PLASTIC CLEANER.

APPLICATION

Spray application.

Mixing ratio:

	weight	volume
LS172 EPODUR MATT (derived from binder 29172)	1000 g	1000 ml
29376-29377 (Fast) LECHSYS EPODUR HARDENER	150 g	200 ml
00516 LECHSYS EPODUR THINNER	400-450 g	450-500 ml

To obtain glass adhesion add 2% of 09830 GLASS ADHESION PROMOTER (see Technical Data Sheet n° 0544).

Pot life at 20 °C: 8 hours

Spray viscosity at 20 °C: 20° FC 4

Ø Air cap: 1.4 mm; HVLP: 1.3 - 1.4 mm

Air pressure: 4 Atm; HVLP: 2 - 2.5 Atm

Number of coats: 2 – 3

Flash-off between coats: 10-15 min. This time is indicative and will vary depending on application, spraygun set up, film thickness and the hardeners and thinners used. As a general rule observe the partial matting of the paint film before applying the following coat.

Film thickness: 50 - 60 μ

Theoretical coverage: 1 l mixture = 8.5 m² at 50 μ

1 kg mixture = 7.5 m² at 50 μ

V.O.C. (on average) of the product ready for use: ~ 570 g/l

Brushing application is possible. The mixing ratio of Epodur + Hardener is the same.
The quantity of the thinner has to be limited to 5 - 10%.

DRYING TIME

Air drying at 20°C

Dust-free: 30-40 min.

Handling: 5 - 6 hours

Through-drying: 48 hours

Low bake at 60°C:

60 min. (after 30 min. flash-off at room temperature)

The complete hardening keeps on in the following 3 - 4 days.

Low baking at temperatures above 50°C can cause the film yellowing to white and light colours.

NOTES

The air drying must be at temperatures above 15-18°C. At lower temperatures the drying time becomes too long and the film does not achieve any chemical resistance.

In case of weather exposure (sun rays) the surfaces painted with epoxy lacquers like this product tend to chalk, while light colours may be yellowing in time.

The gloss degree obtainable with LS172 is between 20-40 gloss according to the colour, the application and drying methods.

The catalysed and thinned product can be applied with electrostatic units.

TECHNICAL DATA SHEET N° 0378-GB
UPDATED 10/2016

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