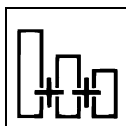
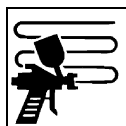


# LS176 (29176) EPODUR EFB



1000 ml +  
300 ml +  
0-200 ml

Pot life at 20° C.:  
6 hours



Ø 1,8-2,5 mm  
2-4 Atm  
N° of coats:  
1-2



Air drying at 20° C  
Handling: 8-10 h  
Through-drying: 48 h  
Low bake at 60°C:  
60 min.

## DESCRIPTION

Two-pack high solid epoxy-vinyl enamel with embossed effect.

## USE

Suitable for office machines, industrial equipment, casting and aluminium manufactured items and general indoor applications.

## CHARACTERISTICS

- Very good adhesion to steel (the product does not contain any anticorrosive pigments; steel protection due to barrier-effect), galvanised steel, fibreglass, cast iron, aluminium and concrete, suitably degreased and cleaned.
- Scratch resistant finish with embossed effect, able to hide defects of the substrate.
- No spray dust.
- High solids and excellent appearance.
- Good chemical resistance.

## SUBSTRATE PREPARATION

**Metallic substrates:** degrease with 00695 SILICONE REMOVER SLOW.

## APPLICATION

Spraying.

**Mixing ratio:**


	weight	volume
LS176 EPODUR EFB (derived from binder 29176)	1000 g	1000 ml
29376-29377(Fast) LECHSYS EPODUR HARDENER	200 g	300 ml
00516 LECHSYS EPODUR THINNER	0-100 g	0-200 ml

Ø Air cap: 1.8-2.5 mm

Air pressure: 3-4 Atm

The finishing coat can be applied in two ways:

- **on smooth surfaces:** apply a first uniform coat by spraying the product hardened and diluted with approx. 20% 00516 LECHSYS EPODUR THINNER (smooth effect). After 15-20 min. flash-off apply the product hardened and thinned as above described by spraying the desired orange peel effect.
- **On irregular surfaces:** apply one or more coats of product catalysed and not thinned to achieve the desired uniform effect.



Pot life at 20° C: 6 hours  
Film thickness: 75 µ  
Theoretical coverage: 1 l mixture = 9 m<sup>2</sup> at 75 µ  
1 kg mixture = 6.5 m<sup>2</sup> at 75 µ  
V.O.C. (on average) of the product ready for use: ~ 330 g/l

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## **DRYING TIME**

### **Air drying at 20°C**

Dust-free: 30 min.  
Handling: 8-10 hours  
Through-drying: 48 hours

### **Low bake at 60°C**

60 min. after flash-off at room temperature for about 20-30 min.

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

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## **NOTES**

Small air caps and high air pressure favour a fine grain, while large air caps and low air pressure favour a coarse grain.

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 over time.

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

**TECHNICAL DATA SHEET N° 0379-GB**  
**UPDATED 08/2013**

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