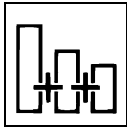


# LS299 (29299) ISOLACK HIGH EFB

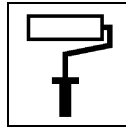


1000 ml +  
500 ml +  
0-250 ml

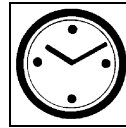
Pot life at 20°C  
3-4 h



Ø 1.4-2.5 mm  
1-5 Atm  
N° of coats  
1<sup>st</sup> smooth effect  
2<sup>nd</sup> orange peel effect



N° of coats: 2



Air drying at 20° C  
Handling: 4-5 h  
Through-drying: 48 h  
Low baking at 60° C:  
60 min.

## DESCRIPTION

High quality two-pack glossy orange peel polyurethane enamel.

## USE

For machine tools, metallic furniture, small parts and general ferrous substrates, where top quality and resistance are required.

## CHARACTERISTICS

- Excellent appearance
- Very good gloss
- Excellent outdoor resistance
- Excellent filling power and coverage

## SUBSTRATE PREPARATION

- **Steel sheet:** derust and degrease with 00695 SILICONE REMOVER SLOW even if a previous application of LS100 (29100) 1K FAST PRIMER is always recommended.
- **Light alloys:** the application of LS100 (29100) 1K FAST PRIMER is essential.

## APPLICATION

Spray application.

### Mixing ratio:

|                                                        | weight  | volume   |
|--------------------------------------------------------|---------|----------|
| LS299 ISOLACK HIGH EFB (derived from binder 29299)     | 1000 g  | 1000 ml  |
| 29340-29341(Slow) LECHSYS ISOLACK HIGH HARDENER        | 400 g   | 500 ml   |
| 00824(Slow)-00825 (Standard) LECHSYS UNIVERSAL THINNER | 0-200 g | 0-250 ml |

Pot life at 20°C: 3-4 hours


Ø Air cap: 1,4 mm or more for guns with pressure cup  
1,7-2,5 mm for gravity feed spray guns

Air pressure: 1-2 Atm for coarse orange peel effect  
4-5 Atm for thin orange peel effect

Number of coats: 2 coats prepared as aforementioned or 1 coat thinned at 20% (smooth effect): after 15 min. flash-off prepare the mixture as aforementioned without thinner and apply with orange peel effect.

Suggested film thickness: 75 µ on average

Theoretical coverage: 1 l mixture = 9 m<sup>2</sup> at 75 µ  
1 kg mixture = 7,5 m<sup>2</sup> at 75 µ



V.O.C. (on average) of the product ready for use: ~ 470 g/l

**Roller application**

(use solvent resistant short bristle roller) thin with 00824 LECHSYS UNIVERSAL THINNER SLOW (0 to 10%)

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**DRYING TIME**

**Air drying at 20 °C:**

Dust-free: 30-40 min.

Handling: 4-5 hours

Through-drying: 48 hours

**Low baking at 60°C:**

60 min. (after 30 min. flash-off at 20°C)

The crosslinking keeps on in the following 3 - 4 days.

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**NOTE**

To accelerate the product's hardening during the cold season add 09167 SPEED-O-DRY ADDITIVE (max. 5%), at the expense of the thinner.

**Colour formulations containing base colours 29044 and 29046 must be ONLY used on paint substrates NOT directly exposed to sunlight.**

**In case of substrates exposed to sunlight, use alternative formulations (High Resistance or Ecological Formulations) available on Lechler Explorer.**

**The use of UV Plus Additive 33333 (up to 5% in the topcoat) allows you to further improve resistance to sunlight.**

**TECHNICAL DATA SHEET N° 0436-GB  
UPDATED 10/2012**

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