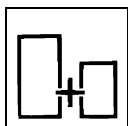
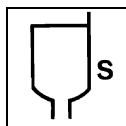


# LS144 (29144) ISOLACK

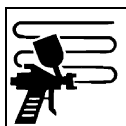


1000 ml +  
500 ml +  
100-150 ml

Pot life at 20° C  
2-7 h



18° FC 4  
at 20° C



Ø 1,2-1,4 mm  
3-5 Atm  
HVLP:  
Ø 1,3-1,4 mm  
2-2,5 Atm  
N° of coats: 2



Air drying at 20° C  
Handling: 4 h  
Through-drying: 24 h  
Low baking at 60°C:  
30 min.

## DESCRIPTION

Two-pack polyurethane enamel for industrial finishes with very good appearance.

## USE

For solid colour finishes on industrial vehicles and in general industry.

## CHARACTERISTICS

- Excellent appearance
- Excellent full-bodied film
- High versatility
- Excellent weather resistance

## SUBSTRATE PREPARATION

It can be applied to the following primers/fillers:

- LS175 (29175) EPOFAN PRIMER R-EC
- LS107 (29107) EPOXYPRIMER
- LS102 (29102) EPOBUILD PRIMER 2K
- LS100 (29100) 1K FAST PRIMER
- LS105 (29105) HI-BUILD FILLER and LS204 (29204) IS FILLER HBF
- LS106 (29106) ISOSEALER B/B in wet-on-wet system
- LS109 (29109) ACRIPUR PRIMER

## APPLICATION

Spray.

### Mixing ratio:

	<b>weight and volume</b>
LS144 ISOLACK (derived from binder 29144)	1000 parts
29344* LECHSYS ISOLACK HARDENER or	500 parts
29345 LECHSYS ISOLACK INDUSTRY HARDENER	
00824 (Slow)-00825 (Standard) LECHSYS UNIVERSAL THINNERS	100-150 parts

**\*We recommend the use of the hardener 29344 LECHSYS ISOLACK HARDENER in processes where a high outdoor resistance is required (f.i. industrial vehicles).**

Pot life at 20 °C with 29344: 7 hours

Pot life at 20 °C light colours with 29345: 3 hours

Pot life at 20 °C dark-black colours with 29345: 2 hours  
Spray viscosity at 20 °C: 18" FORD Cup 4  
Ø Air cap: 1.2 - 1.4 mm; HVLP: 1.3 - 1.4 mm  
Air pressure: 3 - 5 Atm; HVLP: 2 - 2.5 Atm  
Number of coats: 2  
Film thickness: 50 µ  
Theoretical coverage: 1 l mixture = 8.5 - 9 m<sup>2</sup> at 50 µ  
1 kg mixture = 7.8 - 8.7 m<sup>2</sup> at 50 µ  
V.O.C. of the product ready for use: ~ 510 g/l

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## DRYING TIME

### Air drying at 20°C

Dust-free: 20-30 min.  
Handling: 4 hours  
Through-drying: 48 hours

### Low bake at 60°C:

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

The curing continues for the following 3 - 4 days.

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## NOTES

To accelerate the air drying in cold conditions add 09167 SPEED-O-DRY ADDITIVE (max. 5%).  
The product can be applied with electrostatic units.

In the Lechsys tinters range there are average resistance and lower priced tinters such as 29016-29023-29046-29044 normally used to formulate colours linked to the binder 29145.  
To achieve higher colour durability without changing the binder, see recommended alternative tinters indicated in the Lechsys user handbook available on the Internet.

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

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## MATT & GLOSS TABLE

The enamels of the Isolack family are available in different gloss levels:

MATT 3/7 GLOSS	SEMI MATT 7/15 GLOSS	SATIN MATT 15/25 GLOSS	SEMI GLOSS 30/45 GLOSS	GLOSS 50/75 GLOSS	HIGH GLOSS ≥80 GLOSS
			LS142	LS403	LS144

TECHNICAL DATA SHEET N° 0372-GB  
UPDATED 03/2017

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