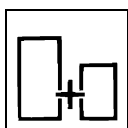
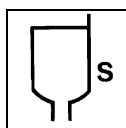


LS144 (29144) ISOLACK



1000 ml +
500 ml +
100-150 ml

Pot life at 20° C
2-7 h



18° DIN 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 in industrial Truck Refinish and Industry for general use.

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:

	weight and volume
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" DIN 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 m² at 50 µ
1 kg mixture = 7.8 - 8.7 m² at 50 µ
V.O.C. of the product ready for use: ~ 510 g/l

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

NOTE

To accelerate the air drying in the cold season add 09167 SPEED-O-DRY ADDITIVE (max. 5%).

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° 0372-GB

UPDATED 10/2012

All information contained in this data sheet is the result of carefully controlled tests and is correct to the best of Lechler's knowledge at the time of issue. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user. FOR PROFESSIONAL USE ONLY.