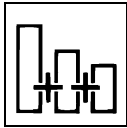
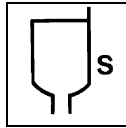


LS145 (29145) ISOLACK PUR



1000 ml +
250 ml +
100-200 ml

Pot life at 20° C:
3-4 h



17-18" FC 4
at 20° C



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



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

DESCRIPTION

Two-pack polyurethane enamel for industrial finishes.

USE

Suitable as a solid finishing coat in the different industrial fields.

CHARACTERISTICS

- Easy application
- Fast drying
- Good appearance
- Weather resistance under the conditions mentioned in the TDS's notes

SUBSTRATE PREPARATION

It can be applied to:

- EPOXYPRIMER
- EPOBUILD PRIMER
- 1K FAST PRIMER
- HI-BUILD FILLER and IS-FILLER HBF
- ISOSEALER B/B (W/W)
- ACRIPUR PRIMER

APPLICATION

Spray.

Mixing ratio:

| | weight and volume |
|--|--------------------------|
| LS145 ISOLACK PUR (derived from binder 29145) | 1000 parts |
| 29344* LECHSYS ISOLACK HARDENER or | 250 parts |
| 29345 LECHSYS ISOLACK INDUSTRY HARDENER | |
| 00824 (Slow)-00825 (Standard) LECHSYS UNIVERSAL THINNERS | 100-200 parts |

***We recommend the use of the hardener 29344 – LECHSYS ISOLACK HARDENER – in processes where a high outdoor resistance is required.**

Pot-life at 20 °C: 4 hours with 29344 LECHSYS ISOLACK HARDENER
3 hours with 29345 LECHSYS ISOLACK INDUSTRY HARDENER

Spray viscosity at 20 °C: 17 - 18" FORD Cup 4

Ø Air cap: 1.2 - 1.4 mm; HVLP 1.3 - 1.4 mm
Air pressure: 4 Atm; HVLP 2 - 2.5 Atm
Number of coats: 2 - 3
Film thickness: 40 - 50 µ
Theoretical coverage: 1 l mixture = 7 m² at 50 µ
1 kg mixture = 6.5 m² at 50 µ
V.O.C. (on average) of the product ready for use: ~ 580 g/l

DRYING TIME

Air drying at 20°C

Dust free: 20-30 min.
Handling: 4 - 5 hours
Through-drying: 48 hours

Low bake at 60°C:

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

The curing continues for the following 3-4 days.

NOTES

To accelerate the product hardening 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.

MATT & GLOSS TABLE

The enamels of the Isolack PUR 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 |
|-------------------|-------------------------|---------------------------|---------------------------|----------------------|-------------------------|
| | | | LS141 | LS402 | LS145 |

TECHNICAL DATA SHEET N° 0395-GB
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