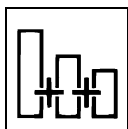
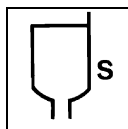


LS140 (29140) ISOLACK HIGH



1000 ml +
500 ml +
300-400 ml

Pot life at 20° C
2-5 h



18" DIN 4
at 20° C



Ø 1.4 mm
3.5-4 Atm
HVLP:
Ø 1.4 mm
2-2.5 Atm
N° of coats: 2



Air drying at 20° C
Handling: 4-6 h
Through-drying: 48 h
Low baking at 60° C:
30 min.

DESCRIPTION

High quality and resistant two-pack polyurethane enamel.

USE

Suitable for solid colour finishes on industrial vehicles and in general industry.

CHARACTERISTICS

- Easy to apply
- Excellent full-bodied film
- High gloss
- Excellent weather and chemical resistance

SUBSTRATE PREPARATION

Dry-on-dry systems: sand dry PU fillers (e.g. LS204 (29204) IS FILLER HBF, LS105 (29105) HI-BUILD FILLER) or epoxy-primer (LS107 (29107) EPOXYPRIMER) or LS109 (29109) ACRIPUR PRIMER with P280-320 grit paper by machine.

Wet-on-wet systems: 1) on PU sealers (e.g. LS106 (29106) ISOSEALER), 2) on primers, epoxy primers (LS175 (29175) EPOFAN PRIMER R-EC or LS107 (29107) EPOXYPRIMER), 3) on LS109 (29109) ACRIPUR PRIMER.

For flash-off times consult the technical data sheets of each filler/primer.

APPLICATION

Spray.

Mixing ratio:

LS140 ISOLACK HIGH (derived from binder 29140)

29340-29341 (Slow) LECHSYS ISOLACK HIGH HARDENERS *

00824 (Slow)-00825 (Standard) LECHSYS UNIVERSAL THINNERS

weight and volume

1000 parts

500 parts

300 - 400 parts

*** For industrial vehicles use only 29341 LECHSYS ISOLACK HIGH HARDENER SLOW**

The product, catalysed with 29340, must be used within 1 hour in wet-on-wet system. In case of large surfaces or when longer time is required (no more than 3 h) use 29341 LECHSYS ISOLACK HIGH HARDENER SLOW.

For indoor finishes, where high chemical resistance is required, the hardener 29349 LECHSYS ISOLACK EC HARDENER can be used in the same ratios. At temperatures over 25°C use 00824 LECHSYS UNIVERSAL THINNER SLOW.

Pot life at 20 °C (29340): 2 hours
(29341): 5 hours
Spray viscosity at 20°C: 18" DIN 4
Ø Air cap: conventional gun 1.4 mm; HVLP gun 1.4 mm
Air pressure: conventional gun 3.5 - 4 Atm; HVLP gun 2 - 2.5 Atm
N° of coats: 2
Suggested film thickness: 50 - 60 µ
Theoretical coverage: 1 l mixture = 6.5 - 8 m² at 50 µ
1 kg mixture = 5.5 - 7.5 m² at 50 µ
V.O.C. (on average) of the product ready for use: ~ 530 g/l

DRYING TIME

Air drying at 20 °C:

Dust-free: 20-30 min.
Handling: 4 - 6 hours
Through-drying: 48 hours

Low bake:

Flash off 20 min. at 20°C + 30 min. at 60°C
or
20 min. at 70°C

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

NOTE

To accelerate the product's hardening 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° 0370-GB
UPDATED 10/2015**

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