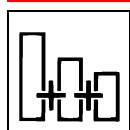
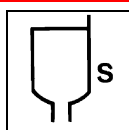


LS197 (29197)
ACRYL 2K PLAST MATT
LS425 (29425) ACRYL 2K PLAST SATIN MATT
LS426 (29426) ACRYL 2K PLAST SEMI GLOSSY
LS427 (29427) ACRYL 2K PLAST GLOSSY



1000 ml.+
100 ml +
300-400 ml

Pot life at 20°C:
4 h



18" FC 4
at 20° C



Ø 1,2 – 1,4 mm
3,5-4,0 Atm
N° coats: 1+1



Air drying at 20°C
Handling: 2h
Through-drying: 48h

Low bake:
30 minutes at 60°C

DESCRIPTION

Matt acrylic enamel (10-15 Gloss) with good adhesion on ABS, rigid PVC and PMMA.

USE

Suitable for painting plastic items and components from the indoor and outdoor Habitat field, sporting, lighting technique, urban and extra-urban furniture and General Industry.

CHARACTERISTICS

- Easy application
- Good adhesion on different plastic substrates
 - ABS
 - Rigid PVC
 - PMMA
- Good satin matt aesthetical aspect
- Good chemical resistances, which can be improved with a "highly recommended" hardener ratio increase up to 20%
- Good light resistance

SUBSTRATE PREPARATION

Degrease with 00617 PLASTIC CLEANER, wipe off and blow dry with de-ionised air to remove electrostatic charges.

On other substrates apply a suitable primer.

APPLICATION

Spray.

Mixing ratio:

LS197 ACRYL 2K PLAST MATT* (derived from binder 29197)
29342 LECHSYS ISOLACK ESP HARDENER
00825 LECHSYS UNIVERSAL STANDARD THINNER or
00824 LECHSYS UNIVERSAL SLOW THINNER

weight and volume

1000 parts
100 parts
300-400 parts

***The enamel part is the same for the products LS425-LS426-LS427**

Pot life at 20°C: 4 hours
Spray viscosity at 20 °C: 18" FC 4
Ø Air cap: traditional 1,2-1,4 mm
Air pressure: traditional 3,5 – 4,0 Atm
N° of coats: 1+1
Flash-off between coats: 5 minutes
Recommended film thickness: 25-40 µm
Theoretical coverage (white colour): 1 l mixture = 7 m² at 40 µm
1 kg mixture = 8 m² at 40 µm

DRYING TIMES

Air-drying at 20°C

Dust-free: 10-15 min.

Handling: 2 h

Through-drying: 48 hours

Low bake

Flash-off: 10' at 20°C

30 min. at 60°C

OBSERVATIONS

The enamel LS197 ACRYL 2K PLAST MATT is mixable with the gloss version LS196 ACRYL 2K PLAST to obtain various gloss levels.

Being the enamel LS196 hardened at 15%, we remind you that the quantity of hardener to be used when mixing with LS197 is the one of the prevailing binder.

Should the products be mixed at 50%, the hardener ratio to be foreseen is at 15%.

N.B.: For production by mixing machine it is recommended to stir the product immediately after adding the tinters.

Colour formulations containing the tinters 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 MAP®.

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

MATT & GLOSS TABLE

The enamels of the Acryl 2K Plast line 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
	LS197	LS425	LS426	LS427	LS196

TECHNICAL DATA SHEET N° 0728-GB UPDATED 05/2023

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