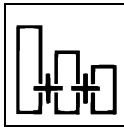
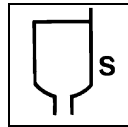


# LS441 (29441) ACRYL 2K AC SATIN MATT



1000 g +  
150-200 g +  
150 g

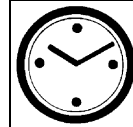
Pot life at 20°C  
3 h



25-35° FC 4  
at 20°C



Ø 1,4-1,7 mm  
N° coats: 2  
Pressure: 2,0/3,0 Atm



Air drying at 20°C  
Handling: 12 h  
Through-drying: 24 h

Low baking:  
60 min. at 60°C

## DESCRIPTION

2K satin matt acrylic topcoat (Gloss 11±4) with good anticorrosive properties and direct adhesion on steel, galvanised steel sheet, aluminium and its alloys.

## USE

For painting metal industrial manufactured items, chassis and caissons of commercial and industrial vehicles.

## CHARACTERISTICS

- Good chemical resistance.
- Easy application
- Very good adhesion on steel, cold and hot dip galvanized steel sheet, aluminium and its alloys
- Can be applied with AIRMIX and AIRLESS spray guns
- Uniform matt aspect
- Good scratch resistance

## SUBSTRATE PREPARATION

**Steel, galvanized steel sheet, aluminium and its alloys:** Degreasing with 00695 SILICONE REMOVER SLOW followed by blowing.

See TECHNICAL INSTRUCTIONS: SUBSTRATE PREPARATION PRIOR TO PAINTING, available on the Lechsys Handbook.

## APPLICATION

Spray

### Mixing ratio:

	<b>weight</b>
LS441 ACRYL 2K AC SATIN MATT (derived from binder 29441)	1000
29342 LECHSYS ISOLACK ESP HARDENER or	150
29360 INDURITORE NG1 * (hardener)	
00824 LECHSYS UNIVERSAL THINNER SLOW	150

### \*See OBSERVATIONS

Pot life at 20°C : 3 h (with hardener 29342)

Spray viscosity at 20 °C: 25-30° FC 4

Ø Air cap: 1,4 - 1,7 mm

Pressure: 2,0 - 3,0 Atm

N° of coats: 2

Recommended film thickness: 60 µ

Theoretical coverage: 1 l mixture = 6,5 m<sup>2</sup> at 60 µ

## Air Mix and Airless

### Mixing ratio:

	weight
LS441 ACRYL 2K AC SATIN MATT (derived from binder 29441)	1000
29346 LECHSYS ISOLACK AC HARDENER*	200
31490 DILUENTE LENTO*	150

**\*29346 – 31490: for 80-100 µ dry film thickness and for Airmix and Airless application**

Pot life at 20°C : 3 h (with hardener 29346)  
Spray viscosity at 20 °C: 30-35" FC 4  
Ø Air cap: 9 – 11 micro inches with compression ratio from 20:1 to 50:1  
Pressure in air cap: 80 to 150 Atm  
N° of coats: 3-4  
Flash-off between coats: at least 10 min.  
Recommended film thickness: 80 µ  
Theoretical coverage: 1 l mixture = 5,0 m<sup>2</sup> at 80 µ

**Higher film thickness can be reached with more coats by increasing drying times.**

**DIR 2004/42/CE: Special finishes IIB/e – VOC ready for use 840 g/l  
This product ready for use contains at most 523 g/l VOC**

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## DRYING TIME

### Air drying at 20°C:

Dust-free: 30-40 min.  
Handling: 12 h  
Through-drying: 24 h

### Low bake with spray application:

Flash-off: 20°C for 20-30 minutes according to ventilation  
Low baking: 60 min. at 60°C

### Low bake with Airmix and Airless application:

Flash-off: 20°C for at least 2 h according to ventilation and applied film thickness  
Low baking: 60 min. at 60°C

The curing continues in the following days.

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## OBSERVATIONS

**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 MAP®.**

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

The family ACRYL 2K AC comprises the following products with different gloss levels:

LS441 (29441) ACRYL 2K AC SATIN MATT	Gloss 11 ± 4
LS443 (29443) ACRYL 2K AC	Gloss 70 ± 10
LS446 (29446) ACRYL 2K AC GLOSSY	Gloss 85 ± 10

**29360 INDURITORE NG1 is a hardener with free monomers <0.1% in compliance with the REACH restriction on the use of diisocyanates within the European Community (EU regulation 2020/1149). Special product available upon request.**

## TECHNICAL DATA SHEET N° 0706-GB UPDATED 01/2022

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