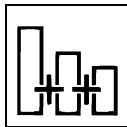


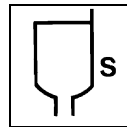
# ISO501-500 (44501-44500)

## ISOFAN NEUTRAL– ISOFAN WHITE



1000 +  
500 +  
180-230 vv

Pot life at 23°C  
2-3 hours



21" ± 2" DIN 4  
at 23°C

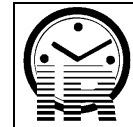


Ø 1.2, 1.4 mm  
High pressure airmix-  
systems: Ø 0,011"-0,013"  
N° coats:  
1 + 1



Air drying at 20°C  
Handling: 5-8 h  
Through-drying: 12-16 h

Low baking:  
30-60 min. at 60°C  
Object temperature  
Approximate variable  
values according to the  
hardener used



5-6 min. flash-off  
10-12 min. max. power  
60-80 cm distance  
Approximate variable  
values according to the  
lamp model

### DESCRIPTION

Two-pack UHS acrylic enamel for gloss solid finishes.

Modular system composed of neutral and white binders with possible utilisation of dedicated tinters for yellow, orange and red colours.

The different obtainable configurations allow the optimisation of costs/performance with particular attention to opacity optimisation.

### USE

It is recommended for the fitting and repair of buses, trucks, cold stores, industrial vehicles and for applications in the general industry.

### CHARACTERISTICS

- DBTL-free binder
- Easy application, very good flow, high vertical stability
- High opacity power
- Fast drying
- High hardness and surface slipperiness
- Very high build, gloss and aesthetical aspect
- High light and weather resistance
- Low VOC

### SUBSTRATE PREPARATION

Suitable for two-pack epoxy or acryl-polyurethane primers or primer fillers, especially derived from the Lechsys and Lechsys Effect systems, both in D/D and W/W system.

## APPLICATION

Traditional spray guns, HVLP spray guns, High pressure airmix-pumps.

### Mixing ratio:

	volume
ISO501 ISOFAN NEUTRAL (derived from 44501) ISO500 WHITE (derived from 44500)	1000
13600 ISOFAN HARDENER or 13500 ISOFAN HARDENER FAST or 13700 ISOFAN HARDENER ULTRA FAST	500
00550 ISOFAN THINNER, 00560 ISOFAN THINNER SLOW	180-230

Conditions of use	Traditional spray guns, HVLP spray guns			High pressure airmix-systems	
	T: over 25°C	T: 20-25°C	T: 15-20°C	T: over 20°C	T: 15-20°C
	13600 + 00560	13600/13500+00550	13500/13700+00550	13600 + 00560	13600/13500+00550

	13600 + 00550-00560	13500 + 00550	13700 + 00550
<b>Pot life at 23°C</b>	3 hours	2 hours	1 hour

Application viscosity at 23°C: 21" ± 2" DIN 4

Ø Air cap:

Traditional spray gun: 1.2–1.4 mm;

HVLP spray gun: 1.2–1.4 mm;

High pressure airmix-systems: 0,011" - 0,013" (not pre-atomized)

- Air pressure: 1,5- 2 bar

- Product pressure: 80-120 bar

N° of coats: 1+1 regular

Flash-off between coats from 5 to 20 min. according to temperature

*NOTE: For D/D processes do not wait over 18h from the primer filler baking*

Recommended film thickness: 40 - 60 µ dry film

Theoretical coverage: 11 m<sup>2</sup> by 1 l mixture at 50 µ

**DIR 2004/42/CE: Topcoat IIB/d – VOC ready for use 420 g/l**

**This product ready for use contains at most 420 g/l VOC**

## DRYING TIMES

	13600 + 00560	13600 + 00550	13500 + 00550	13700 + 00550
<b>Air drying at 20°C</b>				
Dust-free	80-100 min.	60-80 min.	50-60 min.	40-45 min.
Handling	8 hours	7 hours	3-4 hours	2-3 hours
Through-drying	24-36 hours	24-36 hours	18-24 hours	16-20 hours

<b>* Low baking at 60°C:</b>				
Handling	60 min.	50 min.	40 min.	30 min.

\* substrate temperature

**LECHSYS**

<b>IR lamps:</b>	
Flash-off	5-6 min.
Maximum power	10-12 min.
Distance	60-80 cm
	Indicative values changing according to the lamp model

The cross-linking continues in the following 3-4 days.

**POLISHING**

	<b>13600 + 00550-00560</b>	<b>13500 + 00550</b>	<b>13700 + 00550</b>
<b>At 20°C after</b>	24-36 hours	18-24 hours	12-18 hours
<b>At 60°C after</b>	60'	50'	40'

**OBSERVATIONS**

By drying at a lower temperature than 60°C avoid the immediate exposure of the painted vehicle/substrate to particularly severe conditions, whether they be environmental (rain, high humidity, dew, frost, etc.) and chemical (washing, detergents, de-icing salt, etc.).

**TECHNICAL DATA SHEET N° 0734-GB**  
**UPDATED 09/2021**

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