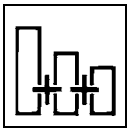
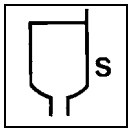
ISO4 (TK400)
ISOFAN ULTRA HS TOPCOAT
TK401 ISOFAN ULTRA HS Intense White
TK423 ISOFAN ULTRA HS Deep Black



1000 ml +
500 ml +
150-200 ml

Pot-life at 20° C:
90-120 min.



22-25" DIN 4
at 20° C

Ø 1.2-1.4 mm
3.5-4 Atm
HVLP:
2-2.5 Atm
N° of coats: ½ + 1

Air drying at 20°C
Handling: 5-7 h
Through-drying: 7 days
Low bake at 60° C:
30-40 min.

DESCRIPTION

2:1 Ultra high solids solid topcoat.

USE

Topcoat for industrial vehicles, trucks, buses, cold stores, and general industry.

CHARACTERISTICS

- High aesthetical aspect and gloss
- Easy to apply on large surfaces and excellent flow
- Very high light and weather resistance
- Safe use on high film thickness with no bubbles
- Excellent covering power and vertical stability
- High coverage
- High flexibility
- Good polishing

SUBSTRATE PREPARATION

It can be applied on the following primers:

- ISO1 ISOFAN HS PRIMER in W/W and D/D system sanded with grit paper P320
- ISO2 ISOFAN HS SEALER n W/W and D/D system sanded with grit paper P320
- ISO3 ISOFAN HS FILLER
- LS109 (29109) ACRIPUR PRIMER
- LS107 (29107) EPOXYPRIMER
- 04384 EPOFAN PRIMER R-EC

APPLICATION

Spraying.

Mixing ratio:

		by weight / volume
ISO4	ISOFAN UHS TOPCOAT (derived from binder TK400)	1000 parts
TH 810	ULTRA HS STANDARD HARDENER or	500 parts
TH 815	ULTRA HS FAST HARDENER	
00824 (Slow)-00825 (Standard)	LECHSYS UNIVERSAL THINNERS	150-200 parts

Pot-life at 20 °C: 90-120 min. TH 815/810
Spray viscosity at 23 °C : 22 - 25" DIN 4
Ø Air cap: conventional 1,4 mm; HVLP 1,2 - 1,4 mm
Air pressure: conventional 4 Atm; HVLP 3.5-4.0 Atm
N° of coats: ½+1
Recommended film thickness: 50 - 70 µ
Theoretical coverage: 1 kg of mixture = 7 - 8,5 m² 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 TIME

Air drying at 20 °C
Dust-free: 60-65 min.
Handling: 6-7 h
Through-drying: 7 days

Low bake at 60°C
30 min. (after 30 min. flash-off at room temperature) catalysed with TH 815
40 min. (after 30 min. flash-off at room temperature) catalysed with TH 810

The complete hardening occurs in the following 3-4 days.
In winter low bake is recommended.

OBSERVATIONS

In winter at low temperature and high humidity (T< 15°C) a considerable loss of gloss can occur in thin coat applications; this phenomenon can be observed after the first coat application during the flash-off. In this case proceed with the second coat application and allow to bake 30' at 60°C. After baking the film gets gloss and bright again.

In winter add 09167 SPEED-O-DRY ADDITIVE until max. 5% in order to speed up the air drying.

NOTE

The binder TK400, used to realise the product ISO4, kept at temperature under – 10°C, tends to slightly crystallize; this phenomenon, by re-conditioning the product at temperature above 10°C, is reversible.

TECHNICAL DATA SHEET N° 0622-GB
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