

# Technical Data Sheet

Transtar eSelect Euro Clearcoat is a two component, urethane clearcoat designed for spot, panel, and overall refinishing. It is fast drying, easy to use, and provides a durable finish and gloss.

## SUITABLE SUBSTRATES

Substrate		Substrate		Substrate	
Solvent-borne Basecoat	✓	Waterborne Basecoat	✓	Acrylic Lacquer	
1K Enamel		2K Enamel	✓		
OEM Finish & Old Paint Work - Reversible		OEM Finish & Old Paint Work - Non-Reversible	✓		

## MIXING



By Volume: 2 parts OR3401 eSelect Euro Clearcoat  
1 part OR1314/OR1324 Activators  
Optional: Up to 5% 6700 or 6700-F Series Urethane Grade Reducer\*

Pot Life 3 hours (@70°F (21°C) and 50% relative humidity)

\* Use reducer according to shop conditions. Using reducers other than Zero VOC Urethane Grade Reducers will increase VOC.

## FLASH TIMES/DRY TIMES



Flash Between Coats 5-20 minutes  
Dust Free 15-40 minutes  
Dry to Sand 8 hours  
Delivery 12 hours MIN  
Force Drying 40 minutes @ 140°F (60°C) after a 15 minute flash

Activator	Flash Time	Dust Free
OR1314 Fast	5-10 min	15-25 min
OR1324 Slow	15-20 min	30-40 min

## SURFACE PREPARATION



Tack surface thoroughly before application.

## SPRAY GUN SET-UP/APPLICATION



Gun Type HVLP/LVLP Gravity Feed  
Fluid Tip 1.2 - 1.4 1.2 - 1.4  
Air Pressure 10 PSI @ aircap 35 - 45 PSI @ gun inlet  
Mil Thickness: 1.2 mil per coat (dry film thickness) Must have a minimum of 2.2 mils and not to exceed 3.6 mils.

## LIMITATIONS & PRECAUTIONS

- For use only by professional, trained painters. Not for sale to or use by the general public.
- Before use, read and follow all TDS, label and SDS precautions.
- See next page for more detailed production application.

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## SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	Pressure Feed	HVLP/LVLP
Fluid Tip	1.4-1.6 mm	1.2-1.4 mm	1.0-1.2 mm	1.2-1.4 mm
Air Pressure	35-45 PSI (@gun)	25-35 PSI (@ gun)	40-50 PSI (@ gun)	10 PSI (@ aircap)
Fluid Pressure	N/A	N/A	8-10 PSI	N/A

*Always refer to gun manufacturer's recommendation for proper set up and spray pressure.*

## SURFACE PREPARATION

Tack thoroughly before application.  
For blending clearcoat refer to SOP #513 and # 514.

## ADDITIVES

**Additives:** Kicker (6417) - Can be used at a rate of ¼ - ½ oz per sprayable quart.  
Appearance Improver (6487) - Can be used at a rate of 1-2 oz per sprayable quart.  
Fisheye Remover (6737) - Can be used at a rate of ½ oz per sprayable quart.  
Universal Urethane Flex Additive (9194) - Use with soft, flexible substrates. Refer to 9194 TDS for mixing information.

## APPLICATION & FILM BUILD

Apply 2 - 3 flowing coats using the spray gun setting listed above. Flash for 5 – 20 minutes depending on activator used (refer to flash/dry times on page one). Keep spray gun nozzle 6 - 10 inches from the vehicle to avoid entrapment of air in paint film. Always keep containers tightly closed to prevent moisture contamination. Clean equipment thoroughly after use.

**Critical Recoat Time:** Do not flash for more than 1 hour between coats. If more than 1 hour @ 70°F (21°C) is reached, wait at least 6 hours before applying more clear or basecoat. After 24 hours, lightly scuff the clearcoat before applying additional material.

**Film Build:** 2-3 coats @ 1.2 mils. Must have a minimum of 2.2 mils and not to exceed 3.6 mils.

## PRODUCT SPECIFICATIONS

Weight per gallon: 8.07	Shelf Life: 3 years
RTS Solids by Weight: 38%	Color: Clear Liquid
Approximate Coverage: 511 ft <sup>2</sup> /gal @ 1 mil	Size: 5 Liter (OR3401), 2.5 Liter (OR1314, OR1324)

## REGULATORY

Category: Clearcoat	OR3401	OR1314	OR1324
VOC Actual	1.94#/gal (233g/l)	5.12#/gal (613 g/l)	4.90#/gal (587 g/l)
VOC Regulatory	3.29#/gal (395g/l)	5.12#/gal (613 g/l)	4.90#/gal (587 g/l)
Weight % of Volatiles	61.43	63.45	60.73
Weight % of Water	0	0	0
Weight % of Exempt Compounds	37.37	0	0
Volume % of Exempt Compounds	41.11	0	0
Density of Material #/gal	8.07	8.07	8.07
		with OR1314	with OR1324
Ready to Use (less water, less exempt compounds)		4.13#/gal (495 g/l)	4.03#/gal (483 g/l)