

North America

Technical Data Sheet

Clearcoat

Autoclear EnergySelect LV™

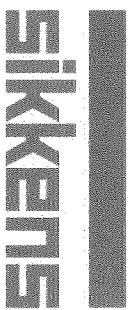
06/01/2016

FOR PROFESSIONAL USE ONLY**Description**

The Autoclear EnergySelect LV is an acrylic urethane clearcoat for use over Autowave and Autobase Plus and is intended for ambient/forced dry conditions. This clear offers excellent resistance to surface contamination with a **built in flexibility package**, excellent gloss, making it an ideal choice for air dry environments. It also meets the regulatory requirements offered at 250 gm/liter VOC.

	Safety Considerations Use suitable personal protection. AkzoNobel recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.	
	Mixing 2 1	Autoclear EnergySelect LV Fast or Autoclear EnergySelect LV Slow Autoclear EnergySelect LV Hardener
	HVLG or Compliant Spray-Gun Set-Up: 1.3-1.5 mm	Application Air Pressure: Consult spray gun manufacturers' specifications. HVLG – 10 psi at the air cap maximum.
	Application Apply 2 medium coats of clearcoat.	
	Flash Between Coats at 70°F (21°C) 0-10 minutes	Flash Before Force Drying at 70°F (21°C) 0-10 minutes
	Air Drying at 70°F (21°C) Dry to handle 2 hours	Force Drying at 120°F (49°C) Dry to Handle 30-40 minute

Read complete TDS for detailed product information.



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Application



Apply 2 single flowing coats. If heavy-sanding and polishing is required, a third coat may be applied after stated flash off time.

Allow a flash off time between coats of 0-10 minutes. Flash time will be dependent on ambient temperature, applied paint wetness/thickness and available air-flow.

Film Thickness – Using Suitable Application

1 Coat will achieve a thickness of 1.2-1.5 mils (30-37.5 µm).

Drying / Curing Time

Below is a table showing the drying times of Autoclear EnergySelect LV with Autoclear EnergySelect LV Hardener. The air-dry times stated may increase with insufficient airflow.

Metal Temp.	Drying	EnergySelect LV (Fast)	EnergySelect LV (Slow)	EnergySelect LV (75% Fast/25%Slow)	EnergySelect LV (50% Fast/50%Slow)	EnergySelect LV (25% Fast/75%Slow)
		Accelerated	Accelerated	Accelerated	Accelerated	Accelerated
70°F (21°C)	Dust Free	15 - 20 min.	15 - 20 min.	15 - 20 min.	15 - 20 min.	15 - 20 min.
	Dry	60 – 80 min.	80 – 110 min.	70 – 90 min	75 – 95 min	60 – 90 min
120°F (49°C)	Dust Free	5 - 10 min	5 - 10 min	5 - 10 min	5 - 10 min	5 - 10 min
	Dry	20 - 30 min	30 - 40 min	25 - 35 min	25 - 35 min	30 - 40 min

Below is a table showing the drying times of Autoclear EnergySelect LV with Autoclear EnergySelect LV Hardener (Accelerated System (Fast/Slow) and Accelerated - Blended System). The air-dry times stated may increase with insufficient airflow.

Metal Temp.	Drying	EnergySelect LV (Fast) Accelerated	EnergySelect LV (Slow) Accelerated	EnergySelect LV (75% Fast/25%Slow) Accelerated	EnergySelect LV (50% Fast/50%Slow) Accelerated	EnergySelect LV (25% Fast/75%Slow) Accelerated
		70°F (21°C)	Dust Free	15 min	15 min	15 min
120°F (49°C)	Dust Free	5 min	5 min	5 min	5 min	5 min
	Dry	10 - 15 min	15 - 20 min	10 - 15 min	10 - 15 min	10 - 15 min