

Nano-Clear®

Nano-Clear® for Fleet Vehicles

Nano-Clear® is a one-component solvent borne clear coating that cures rapidly in the presence of atmospheric moisture. Nano-Clear® forms an extremely cross-linked film with far superior scratch, abrasion, chemical and UV resistance over any leading two-component automotive OEM or aftermarket clear coating. Suitable for use over oxidized automotive, marine or aircraft clear coatings and topcoatings.

Dry film property*	Spec	Nano-Clear	Test Method
Pencil Hardness	-	4H	ASTM D3363
Pendulum Hardness (Persoz)	-	> 250	ASTM D4366
Abrasion Resistance (CS-17, 1kg, 1000 cycles)	-	8.4 mg	ASTM D4060
Impact Strength (kg-cm)	-	> 140	ASTM D2794
Water immersion test (240 hours @ 50°C)	-	Pass	ISO 2812-2
CASS @ 50°C	-	Pass (240 hours)	JIS H8502-7
% Gloss retention (> 1500 hours QUV 313)	-	> 100	ASTM D4587
% Gloss retention (> 2000 hrs Xenon WOM)	-	> 99	ASTM G155
MEK resistance	-	> 1500	ASTM D4752

* Fully cured clear coat on bare aluminum panels @ 72°F at RT for at least 24 hours prior to testing.

