

Standex® Charts & Systems



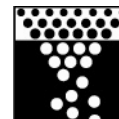
Hardeners

This list represents a comparison of flash-off and drying characteristics of **Standex** 2K Hardeners. Hardeners should only be used as specified on the technical data sheets. Flash-off time and drying are dependent upon film thickness. Higher film builds will produce longer flash-off and slower dry times. Temperatures shown only provide a reference point. Actual temperature, humidity, air movement, size of the refinish area, and location of the refinish area will affect hardener choice. Please see appropriate VOC Wallchart for 2K or 2.1 Hardener choice.

2K & 2.1 HARDENERS

SLOWEST ↑ ↓ FASTEST	2K HARDENER 30-45 EXTRA SLOW 16147	Slowest flash-off 2K Hardener Temperature range: >90°F (32°C)
	2K HARDENER 25-40 SLOW 15935	Slower than 20-30 Temperature range: 75-90°F (24-32°C)
	2K HARDENER 20-30 NORMAL 15978/16146	For larger areas or normal temperatures. Temperature range: 70-85°F (20-30°C)
	2K HARDENER 15-25 FAST 15013	Faster flash-off than 20-30. Temperature range: 59-75°F (15-24°C)
	2K HARDENER 05-15 EXTRA FAST 15080/16145	Fastest flash-off 2K Hardener For spot repairs and cool temperatures. Temperature range: 41-77°F (5-25°C)
SLOWEST ↑ ↓ FASTEST	2.1 HARDENER – EXTRA SLOW 16125	Slowest flash-off 2.1 Hardener Temperature range: >90°F (32°C) Only for use in 2.1 Filler, 2.1 Clear, 2.1 HS Clear, 2K HS Sealer, 2K Clear 15-60 and 2K HS Standocryl (in California usage only).
	2.1 HARDENER – SLOW 16117	Faster than Extra Slow. Temperature range: 75-90°F (24-32°C) Only for use in 2.1 Filler, 2.1 Clear, 2.1 HS Clear, 2K HS Sealer, 2K Clear 15-60 and 2K HS Standocryl (in California usage only).
	2.1 HARDENER - NORMAL 10089	For larger areas or most temperatures.
	2.1 HARDENER - FAST 11778	Faster flash-off than 2.1 Hardener Normal. For small areas and in cooler, less humid conditions.

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Thinners

This table represents a comparison of the flash-off characteristics of **Standex** Thinners. Do not mix 2K Thinners with MSB Thinners. Flash-off time and drying are dependent upon film thickness. Higher film builds will produce longer flash-off and slower dry times.

2K THINNERS: DESIGNED FOR 2K MATERIAL / DO NOT MIX WITH MSB THINNERS

SLOWEST ↑ ↓ FASTEST	THINNER 2K 25-40 (>95°F) 11921 15293	Very slow flash-off thinner. Designed for hot (tropical) conditions. Can be used as a retarder.
	MS THINNER 2K 25-35 (80-95°F) 11484	Slow flash-off thinner. For use in higher temperatures and complete resprays.
	EXPRESS THINNER 2K 15-25 (60-80°F) 11182	Normal flash-off thinner. Can be used for single panels and complete resprays.
	RAPID THINNER 2K 10-20 (<60°F) 11573	Fastest flash-off 2K thinner. Ideal for low temperatures and small repairs.

MSB THINNERS: DESIGNED FOR BASECOAT / DO NOT MIX WITH 2K THINNERS

SLOWEST ↑ ↓ FASTEST	MSB THINNER 30-45 (>90°F) 16158	Extremely Slow flash-off thinner. For extreme heat and humidity.
	MSB THINNER 25-40 (75-95°F) 19523	Slow flash-off thinner. Designed for hot (tropical) conditions.
	MSB THINNER 20-30 (70-85°F) 11387	Normal flash-off thinner. Slightly slower in flash-off than MSB 15-25. Designed for small repairs to complete resprays in normal to above normal temperatures
	MSB THINNER 15-25 (59-75°F) 12049	Fast flash-off thinner. Designed for small repairs to multiple panel resprays in normal temperatures.
	MSB THINNER 05-15 (<60°F) 11395	Fastest flash-off thinner. Designed for lower temperatures.

2.1 THINNERS: DESIGNED FOR 2K MATERIALS

SLOWEST ↑ ↓ FASTEST	2.1 THINNER – SLOW 16133	For hot, tropical conditions. Only for use in 2.1 Filler, 2.1 Clear, 2.1 HS Clear, 2K HS Sealer, 2K Clear 15-60 and 2K HS Standocryl.
	2.1 THINNER - NORMAL 10097	For all temperatures and areas.
	2.1 THINNER - FAST 11786	Fast flash-off thinner. Ideal for low temperatures and special repairs.

Misc. Thinners

2K Smart Blend 16157 2K Fade-Out Thinner 11247	Specialty solvents designed for 2K Blending procedures. Only use per specified technical recommendations. Not recommended for use as a retarder.
2K Fast Dry Additive 16169	A specialty additive for 2K HS Clear (14580) and 2K Premium Clear (16252) that speeds up the flash-off and baking process. See appropriate VOC Wallchart for compliancy in your area.