

# Standex® Charts & Systems



## Hardeners

This list represents a comparison of flash-off and drying characteristics of **Standex** 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, 2.1 or PF Hardener choice.

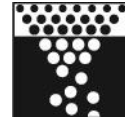
### 2K HARDENERS

SLOWEST  ↑  ↓  FASTEST	<b>2K HARDENER H 30-45</b> 16147	Slower than H 25-40 Temperature range: above 95°F (above 32°C)
	<b>2K HARDENER H 25-40</b> 15935	Slower than H 20-30 Temperature range: 75-90°F (24-32°C)
	<b>2K HARDENER H 20-30</b> 15978	For larger areas or normal temperatures. Temperature range: 70-85°F (20-30°C)
	<b>2K HARDENER H 15-25</b> 15013	Faster flash-off than H 20-30. Temperature range: 59-75°F (15-24°C)
	<b>2K HARDENER H 05-15</b> 15080	Fastest flash-off 2K Hardener For spot repairs and cool temperatures. Temperature range: 41-77°F (5-25°C)

### PF HARDENERS

SLOWEST  ↑  ↓  FASTEST	<b>Hardener PFH 30-35</b> 16214	Slowest flash-off PF Hardener Temperature range: 86-95°F (30-35°C)
	<b>Hardener PFH 25 – 30</b> 16213	Faster than PF 30-35. Temperature range: 77-86°F (25-30°C)
	<b>Hardener PFH 15 – 25</b> 16212	Fastest flash-off of PF Hardeners Temperature range: 59-77°F (15-25°C)

# Standex® Charts & Systems



## 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	<b>2K THINNER</b> <b>T30-35 (86-95°F)</b> 16206	Slowest flash-off thinner. For use in higher temperatures and complete resprays. Specifically recommended in the Special Matt (16205)
	<b>2K THINNER</b> <b>T25-35 (80-95°F)</b> 11484	Slow flash-off thinner. For use in higher temperatures and complete resprays.
	<b>2K THINNER</b> <b>T15-25 (60-80°F)</b> 11182	Normal flash-off thinner. Can be used for single panels and complete resprays.
	<b>2K THINNER</b> <b>T10-20 (&lt;60°F)</b> 11573	Fastest flash-off 2K thinner. Ideal for low temperatures and small repairs.

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

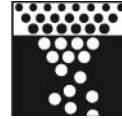
SLOWEST ↑ ↓ FASTEST	<b>MSB THINNER</b> <b>BC 30-45 (&gt;90°F)</b> 16158	Extremely Slow flash-off thinner. For extreme heat and humidity.
	<b>MSB THINNER</b> <b>BC 25-40 (75-95°F)</b> 19523	Slow flash-off thinner. Designed for hot (tropical) conditions.
	<b>MSB THINNER</b> <b>BC 20-30 (70-85°F)</b> 11387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

### PF THINNER: DESIGNED FOR 2K MATERIALS

<b>PF Thinner</b> 16215	Used in all temperature ranges.
<b>PF Reaction Agent</b> 16224	Used in all temperature ranges.
<b>PF Reaction Agent Slow</b> 16225	Used in all temperature ranges.

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## Thinners



### MISC. THINNERS

<b>2K Smart Blend Plus 16174</b> <b>2K Fade-Out Thinner 11247</b>	Specialty solvents designed for 2K Blending procedures. Only use per specified technical recommendations. Not recommended for use as a retarder.
<b>2K Fast Dry Additive 16169</b>	A specialty additive for 2K HS Clear (14580), 2K Clear 15-60 Plus (16198) and 2K Premium Clear (16252) that speeds up the flash-off and baking process. See appropriate VOC Wallchart for compliancy in your area.
<b>Standohyd® VE Water 80184</b>	Use only for thinning Standohyd products to ensure proper product performance.
<b>Standoblue Viscosity Adjuster (19302)</b>	Use only for thinning Standoblue products to ensure proper product performance.
<b>Standoblue Viscosity Adjuster Slow (19303)</b>	Use only for thinning Standoblue products to ensure proper product performance.

### STANDOBLUE VISCOSITY ADJUSTER SELECTION CHART

Temperature °F/°C	Relative Humidity %				
		<10%	10-20%	20-30%	>30%
	Less Than 95°F (35°C)	Viscosity Adjuster	Viscosity Adjuster	Viscosity Adjuster	Viscosity Adjuster
Equal to or Grater than 95°F (35°C)	Viscosity Adjuster Slow	Viscosity Adjuster Slow	Viscosity Adjuster Slow	Viscosity Adjuster	