



Heat Shield™ EPX-H20 and High Heat Comparison

	Heat Shield™ EPX-H20	Heat Shield™ High Heat
	Most powerful, used most often due to ability to use less coats for excellent temperature reduction and the fast cure time.	Used when a smooth surface is required.
Description:	2-part water-based, fast cure, thermal insulation and corrosion prevention coating, up to 400F/204C.	1-part water-based, smooth finish, thermal insulation and corrosion prevention coating, up to 400F/204C.
Color:	Charcoal grey or White (tintable)	If applied at 170F/76.6C or below: Clear If applied over 170F/76.6C: Whitish/Opaque
Finish:	Pebbled	Smooth
Typical application:	4 to 8 coats, depending upon temperatures.	10-12 coats, depending upon temperatures.
Wet applied thickness of 1 coat:	10 mils / 254 microns	4 mils / 100 microns
Typical Full Cure time for a standard application:	1-2 days (or a few hours if coating a hot surface) (Equipment can be in operation during cure time)	45-90 days, depending upon temperature, humidity and air flow. (Equipment can be in operation during cure time)
Chemical resistance:	Yes, splash resistant to acids, bases and fuels	No
UV resistance:	No, if the application is subject to UV, we recommend one coat of High Heat as a top coat.	Yes
Corrosion Prevention:	Yes	Yes
Coverage Rate:	188 S.F. (17.5 m2) per gallon at 1-coat	450 S.F. (42 m2) per gallon at 1-coat
Application Method:	Texture Sprayer (Brush can be used, but the surface should remain pebbled, do not smooth brush the surface.)	Standard paint sprayer, brush, or roller
Energy Savings, Insulation	Both products provide energy savings, as reported by customers in the 10% to 25% range or more, however when reducing a high temperature to a safer touch temperature, the EPX-H20 has more ability to get a larger surface temperature reduction.	

Product Images

EPX-H20



High Heat

