



Technical Data Sheet

Automotive Art Clear 82-60 HS-X



General Information:

Automotive Art 2K Top Clear 82-60 HS-X provides high gloss and excellent UV protection for basecoat paint. It has a higher solid content than normal HS Clears, has good weather and scratch resistance, and is easy to polish.

Substrates:

Apply on top of clean & dust-free Automotive Art Basecoat.

Mixing Ratio:



2:1 + 10-25%

100% by vol. Automotive Art Top Clear

50% by vol. Automotive Art Hardener

10-25% by Vol. Automotive Art Reducer

Part

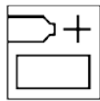
82-60 HS-X

32-62, 32-72, or 32-82

35-10, 35-20, or 35-30

Pot Life: 2.5-5 hours at 20° C (68° F)

Additives:



20 - 45 Flex additive (Add 25% by vol. before adding hardener)

20 - 10 Accelerator (Add up to 5% to RTS mixture)

20 - 55 Matting Agent (Please refer to AART 20-55 TDS for gloss degree chart)

Air Pressure and Spray gun Setup:

	<u>Air Pressure</u>	<u>Nozzle Size</u>
HVLP:	29-35 psi (2.0-2.5 bar)	1.3-1.4 mm
Conventional:	30-45 psi (2.0-3.0 bar)	1.5-1.7 mm

Note: For best overall result, refer to spray gun manufacturer's recommendations.

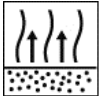
Application:



Apply: 2 full coats

Coat Thickness: 2.0 -2.4 mils (50-60 µm)

Drying Times:



Between Coats: 5 - 10 minutes at 20°C (68°F)



At 20°C (68°F)

<u>Tack-Free</u>	<u>Assembly</u>	<u>Polish</u>	<u>Recoat</u>
2.5-3 hours	4-5 hours	9-12 hours	9-12 hours

Selection Guide Charts:

<u>Hardeners</u>		<u>Temperature Range</u>		
<u>Product#</u>	<u>Description</u>	55°F-70°F (12°C-21°C)	70°F-85°F (21°C-30°C)	85°F-95°F (30°C-35°C)
32-62	Hi-Temp/Slow			
32-72	Medium Temp/Normal			
32-82	Low Temp/Fast			

Surface Preparation:



- Apply over Automotive Art Basecoat, it may require passings a light tack cloth over the surface.
- Clean with Lacquer Thinner.

Sanding:

For recoating it can be sanded with P 600 - P 800
To Polish P 1200 – P 5000



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Packing & Shelf Life: **Sizes:** 5L, 1L, 500ML
Shelf life: Under normal storage conditions minimum four years (unopened tins).

- Notes:**
- Do not overapply, solvent pop may occur.
 - Humidity affects clear coat components, so the application equipment should be absolutely dry. Close the hardener container immediately after use.
 - Do not use at temperatures lower than +50°F/10°C in this case, dry in spray booth.

Technical Data:	RTS Combinations:	82-60 HS-X: 32-62/72/82
	Volume Ratio:	2:1 + 10-25%
	Specific Gravity:	1.0 kg/l at 20°C (68°F)
	Flash Point:	29°C (85°F)
	Solids Vol %:	56%
	Solids Wt. %:	NA
	Coverage:	370-410 sq feet/gal
	Viscosity (RTS):	20 sec. at 20°C (68°F)
	Gloss:	High Gloss
	Color:	Clear
	V.O.C. Actual:	491 g/l (4.1 lbs/gal)
	V.O.C. Regulatory:	491 g/l (4.1 lbs/gal)
	V.O.C. Regulatory RTS (less water, less exempts):	583 g/l (4.9 lbs/gal)
	Applicable Use Category:	Clear Coating

See Material Safety Data Sheet and Labels for additional Safety Information and handling instructions.