



## TECHNICAL DATA SHEET

PRODUCT NAME: 2K SHOW CLEAR 2

Version: 14/03/2015

### DESCRIPTION:

2K Show Clear is a Premium High Solids Urethane Clearcoat is a high solid clearcoat formulated to provide easy application, easy polishing, and long pot life. 2K Show Clear offers an excellent high gloss finish, great flow and anti-sagging properties. 2K Show Clear is suitable for all top-quality overall, spot and panel finishes. This clearcoat resists shrinkage and dieback, and retains its glossy appearance whether baked or air-dried. And with advanced UV filters and absorbers, your finishes keep their beauty longer.



### SURFACE PREPARATION:

EXISTING FINISH: Sand surface with P600-P800 wet or P500-P600 dry, and then clean with Cleaner/Degreaser. Mask object/area to eliminate unwanted overspray. Use a tack cloth to remove any surface contaminants that may have settled on the basecoat.



### MIXING / Viscosity

MIX RATIO: 2:1 – Mix by volume, mix thoroughly and strain prior to spraying.

- 2 Parts 2K Show Clear
- 1 Part Activator

Optional: up to 5% Reducer can be used.



### POT LIFE: @ 70°F / 21°C

2 – 4 Hours (For best results use mixture within 1 hour)

Pot life will shorten as temperatures increase. Specialist Paints products are not recommended for use in temperatures below 65° F. Use below these temperatures will effect dry times and performance.



### GUN SET UP:

CONVENTIONAL: 1.4mm – 1.6mm

HVLP: 1.2mm – 1.5mm



### AIR PRESSURE:

High Efficiency

15–29psi

@ the gun

HVLP

6–10 psi max

@ the cap

**NOTE:** Refer to individual gun manufacturer for proper spray gun setting.

**APPLICATION:**

Apply 2 - 3 single coats.

**FLASH / DRYING TIMES:****AIR DRY**

Flash between coats:  
 After First Coat = 15 -20 minutes  
 After Second coat = 15-20 minutes  
 Out of Booth: 30—60 minutes  
 (depending on temperature)

**FORCE DRY**

**Purge time:** 15 minutes.  
**Cycle Time:** 30 minutes @  
 140°F/60°C metal temperature.  
**Dust Free:** After full cool down.

**INFRARED DRY**

Refer to the infrared  
 manufacturer's guide  
 for setup  
 recommendations.

Dry and cure times are dependent on air movement, temperature and film builds.

**RECOATING:**

2K Show Clear may be repaired and recoated after 12-24 hours at 70° F/21° C. 2K Show Clear may be repaired and recoated when force dried after 1 hour cool down.

**EQUIPMENT CLEANING:**

Clean equipment immediately after use according to local regulations.

**POLISHING:**

**Air Dry:** After 12 - 24 hours.  
**Force Dry:** 1 hours after cool down.  
**Sanding:** Use 2000 grit wet or finer. Or use 2000 DA or finer.  
**Compounding:** Use finishing compound. Apply a thin ribbon of material to the area to be polished. Use a double-sided wool polishing pad or a foam pad. Maintain air polisher or variable speed buffer at 1800—3000 rpm. Remove excess finishing compound with a clean, soft cloth prior to applying finishing polish.

**HEALTH & SAFETY:**

Read all warnings, first aid and safety for all components before using. Be sure to read all safety warnings and MSDS. Keep out of reach of children and animals. Wear a properly fitting NIOSH/MSHA approved respirator. Select positive pressure supplied respirator (TC-19C or equivalent) for isocyanates. Follow the respirator manufacturer's directions for use.

Protect hands with impervious rubber gloves. Wear face, skin and eye protection. Specialist Paints finishes are for industrial use by professional, trained painters.

Note: Custom painting can be difficult. All products should be fully tested prior to commencing any job to determine suitability, final finish and overall appearance. All information and data provided by CUSTOM PAINTS LTD is given in good faith and intended to be a general guide only. CUSTOM PAINTS LTD shall not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of, or incorrect preparation, use of incompatible materials, equipment failure or use of incorrect equipment or any other reason beyond the control of CUSTOM PAINTS LTD and further offers no warranties of whatever nature express or implied as to merchantability or fitness for a particular use or purpose and shall not accept liability for any specific or consequential damage as a result of using these products unless otherwise agreed to in writing. Should a product be defective, CUSTOM PAINTS LTD shall replace the defective product, or, at its sole discretion refund the purchase price.