

TDS TECHNICAL DATA SHEET

PRODUCT: **AUTOBAHNHOF® 2K MS CLEARCOAT
READY TO USE)**

PRODUCT CODE: **C 2162**

DESCRIPTION: Two components product, has very high physical and chemical resistance. Acrylic based clearcoat protects against scratching and UV rays and designed for a long lasting glow.



PRODUCT USAGE:

Used as per ratio of 50 parts AUTOBAHNHOF® 2K UV MS Hardener in 100 parts AUTOBAHNHOF® 2K MS Clearcoat (Ready To Use) (2:1). It is ready to use. Dries completely at 20 °C(68 °F) in 16 hours, at 60°C(140 °F) in 30 minutes. Applied to all base layers. (metallic, pearl, solid color, base coat)

***Fast hardeners and 2K Fast Dry additives may rise viscosity and shorten pot life.**

**APPROVED
SUBSTRATES:**



- ✓ Basecoat
- ✓ All Base Layers Metallic
- ✓ All Base Layers Pearl
- ✓ All Base Layers Solid Color
- ✓ All Base Layers Basecoat

PREPARATION:



Use T 5230 Autobahnhof® Surface Cleaning Thinner on primer sur
Clean the surface from dust, dirt, rust and oil.

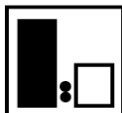
Basecoat Application. You have to wait 15-20 minutes before clearcot application.

Single-Stage Enamels: 4 hours / 20 °C(68 °F) or overnight dry.

Clearcoat Surfaces; Allow to dry overnight, then scuff with 1000 grit and reapply clearcoat.

Tack cloth before application clearcoat on basecoat.

MIXING:



	Volume	
100 parts		Autobahnhof® 2K MS Clearcoat (Ready To Use)
50 parts		Autobahnhof® 2K UV MS Hardener (Fast / Standart / Slow)

Stir the clearcoat and hardener thoroughly before mixing.

Pot Life 1-1,5 hours / (20 °C)(68 °F)

Use of Autobahnhof® Extra Accelerator will shorten potlife.

MIXING STICK:



Use Autobahnhof Measuring Stick

TDS TECHNICAL DATA SHEET

EQUIPMENT



Gun Nozzle : 1.3-1.6 mm

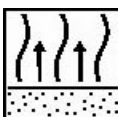
Application Pressure: 3.0-3.7 Bar (45-55 psi)
HVLP Max. 0.7 Bar (Air cup)

Clean spray gun immediately after use.

APPLICATION:



Spraying Coats : 2-3 Single Coat



Flash off (20 °C)(68 °F)
Between coats 5-10 min.
Before curing 5-10 min.

DRYING:



Air (20° C)(68 °F) 16 hours



Bake (60° C)(140 °F) 30 min.



Infrared - Short Wave 5+8 min.

NOTE: Dry times may vary based on film build and ambient air temperature.

POLISHABILITY:

Ready to polish minimum 1 hour after cooling down.

BUFFING:

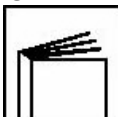


Air Dry After 24 hours
Force Dry After cool down 16 hours

If necessary sand with P1500-2000 wet grit or P1500-3000 dry grit paper before buff.

NOTE: Buffing is easiest when done within the first 48 hours following application.

TECHNICAL SPECIFICATIONS:



- Appearance- Color Clear
- Pot Life (20 °C)(68 °F) 1-1,5 hours
- Specific Gravity 0,97 ± 0,05
- Viscosity (25°C(77 °F) DIN CUP4) 24-28 sc.
- Shelf Life 2 year (un opened can at room temperature 20 °C(68 °F))

CAR REFINISHINGS

NOTE: VOC REGULATED AREAS: These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing usage and recommendations in the VOC Compliant Products Chart for your area. The values depicted below are “ready to spray”.

- Gallon Weight 8,1 lbs/gal
- Percent Volatile By Weight 60,6%
- VOC (AP/LE) 590 g/l
- VOC (AP/LE) 4,9 lbs/gal

5,0 lb. /gal (600 g/l) VOC compliant.

**HEALTH AND
SAFETY
PRECAUTION:**

Please look at the label.



For full Health and Safety Information please refer to Material Safety Data Sheet (MSDS)

Goggles and suitable protective equipment must be worn while using these products.

Good ventilations must be provided in the working environment.