VB-16NR

DITZLER® Hot Rod Black

HRB9700 Hot Rod Black Kit

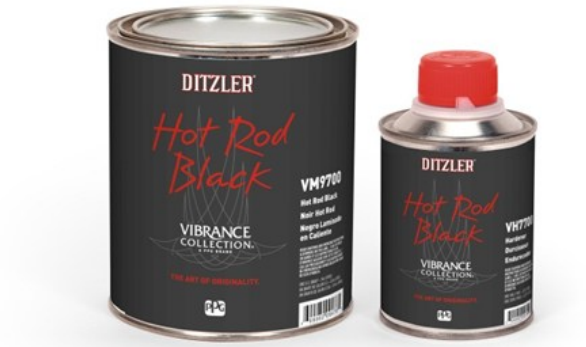
VM9700 Hot Rod Black
VH7700 Hardener

DITZLER® Hot Rod Black is a low gloss, single stage 2K acrylic urethane topcoat offering a smooth, satin, deep black finish popular with today's custom painters.

VM9700 is VOC compliant for National Rule refinish markets.

HRB9700 produces a final finish of 20-30° gloss.

For procedures relating to custom and/or restoration work refer to PPG's Custom Restoration Guide available at ppgrefinish.com under Training.



Compatible Products and Systems

VM9700 Hot Rod Black may be applied over the following:

- Fully cured, cleaned and sanded OEM coatings.
- Properly prepared and applied refinish primers and sealers.

Preparation

It is very important to be sure that the surface has been thoroughly cleaned and is dust and dirt free prior to the application of Hot Rod Black. Hot Rod Black may be lightly de-nibbed to remove minor dirt or imperfections after the flash off time between coats. Any de-nibbing must be completed before the final coat is applied.

Sanding and or polishing out dirt or defects is not possible from the final cured finish.

Required Products

HRB9700 Hot Rod Black Kit

VM9700	Hot Rod Black
VH7700	Hardener

Thinner

DT1565 Fast Thinner (55-65°F)
DT1575 Medium Thinner (65-77°F)
DT1585 Slow Thinner (77-90°F)
DT1595 Very Slow Thinner (95+°F)
DT1598 Ultra Slow Thinner (98+°F)

Note: Custom or exotic finishes are excluded from coverage under the PPG Paint Performance Guarantee.

HRB9700

Mixing Ratio:

VM9700	:	VH7700	:	DT15xx
4	:	1	:	½ -1

Pot Life: 8 hours at 70°F (21°C)

Air Pressure And Gun Setup:

HVLP: 8 - 10 psi at the air cap

Compliant: 29 - 40 psi at the gun

Gun Setup: 1.3 - 1.4 mm or equivalent

Application:

Apply: 2 - 3 medium wet coats until hiding

Note: The number of coats, film build, spray gun set-up and application will affect the final appearance and gloss of Hot Rod Black. Before spraying the vehicle, it is recommended that a test panel be sprayed to determine the overall final appearance.

Drying Times

Between Coats: 10 - 15 minutes at 70°F (21°C)*

Note: Be sure each coat has completely flashed before applying additional coats.
Note: After 1st coat is applied, you may notice a slight seedy appearance to the film which is normal. Apply 2nd and subsequent coats as recommended with the proper flash times. Product will dry down smooth and flat.

Air Dry*:

- **Dust Free:** 1 hour at 70°F (21°C)
- **Tack Free:** 4 - 6 hours at 70°F (21°C)
- **Tape Time:** 8 - 12 hours at 70°F (21°C)
- **Full Air Dry:** 16 - 24 hours / overnight at 70°F (21°C)

Force Dry*:

- **Bake:** 30 minutes at 140°F (60°C)

IR (Infrared)*:

- **Medium Wave:** 30 minutes at 75% power

Polishing:

N/A

Recoat and Repair:

- **Recoat:** After force dry and cool down or air dry for 16-24 hours. VM9700 must be lightly sanded before recoating.
- **Repair:** After force dry and cool down or air dry for 16-24 hours.

Note: All force dry times are quoted for metal temperature. Additional time must be allowed during force dry to allow metal to reach recommended metal temperature.

*To achieve optimal mar resistance, it is recommended that after being forced dried, the vehicle should not be put into service for an additional 4 - 6 hours. If air dried, the vehicle should not be put into use for an additional 24 - 48 hours. See care of the low gloss finish on page 3.

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General Care and Maintenance of the Low Gloss Finish

Low gloss finishes can be relatively easily marked with general handling and day to day use (door/hood/deck lid opening, shoe scuffing on entry or exit of vehicle etc.) care should be taken with these operations because marking or changing of the low gloss effect could result.

Care should be taken to avoid spillage of fuel onto the low gloss finishes. Fuel spills should be removed as soon as possible using the washing guidelines below, to avoid permanent damage or altering of the low gloss effect.

1. In order to keep the low gloss surface effect, the use of paint cleaner, abrasives or polishes and wax polished **must** be avoided. The vehicle **must not** be polished. Polishing will lead to a higher, uneven gloss effect.
2. Cleaning with unsuitable materials could alter the low gloss effect (generally increasing gloss).
3. Automated car washing should be avoided. The preferred car washing method is by hand with a soft sponge, mild soap and lots of water. Frequent car washing over a period of time could lead to increased and inconsistent gloss levels across a panel. Washing under direct sunlight should also be avoided.
4. Insects and bird droppings should be removed immediately. These residues should be soaked in water to soften and/or remove carefully with high pressure cleaning equipment. In the case of strongly adhered residues, a spray on insect remover should be used prior to washing.
5. Whenever using any type of cleaning fluids with soft sponges or cloths, it is essential not to apply pressure or rub the low gloss finish. A gentle wipe/spray on, wipe off technique should be used. Applying pressure will alter the low gloss effect and result in an uneven appearance.

Technical Data:

RTS Combinations	VM9700 : VH7700 : DT15xx
Volume Ratio:	4 : 1 : ½-1
Applicable Use Category	Single-Stage Coating
VOC Actual (g/L)	167-259
VOC Actual (lbs./gal.)	1.39-2.16
VOC Regulatory (g/L) (less water, less exempt)	321-434
VOC Regulatory (lbs./gal.) (less water, less exempt)	2.68-3.62
Density (g/L)	1103-1137
Density (lbs./gal.)	9.20-.949
Volatiles wt.%	66.5-68.8
Water wt.%	0.0-0.1
Exempt wt.%	45.5-51.8
Water vol.%	0.0-0.1
Exempt vol.%	40.2-48.1
Sq. Ft. Coverage / US gal. (1 mil. At 100% transfer efficiency)	473-516

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See Safety Data Sheet and Labels for additional safety information and handling instructions.

Important: The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to direction, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

PPG Automotive Refinish
19699 Progress Drive
Strongsville, OH 44149
800.647.6050

PPG Canada Inc.
2301 Royal Windsor Drive, Unit #6
Mississauga, Ontario L5J 1K5
888.310.4762

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