

# PUT ZYBAR ON. TAKE HEAT OFF.

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# zycoat

INTRODUCING

## NEW ZYCOAT™ ZYBAR® THERMAL PROTECTION



HARD-WEARING COATING FOR  
HARD-RUNNING ENGINES AND EXHAUST SYSTEMS



## SPECIALLY FORMULATED TO CONQUER EXTREME AUTOMOTIVE TEMPERATURES

ZyBar® is the newest product in a full line of underhood and under car thermal insulating coatings for the automotive aftermarket.

It is distributed exclusively by HushMat®, rated #1 for in-car heat and noise reduction.

ZyBar is a natural extension of industry-proven, auto enthusiast-preferred products sold by HushMat. It's also the first-ever durable and effective thermal protection solution that outperforms tapes, wraps, shields, and ceramic-based paints.

## PERFORMANCE MEASURES & CHARACTERISTICS

- IMPROVES SCAVENGING TO INCREASE HORSEPOWER & FUEL ECONOMY
- CORROSION RESISTANT
- REDUCES RADIANT HEAT BY OVER 90%
- PERFORMS IN 2000°+F TEMPERATURES
- SIMPLE TO APPLY: JUST SPRAY, WIPE OR DIP
- EXTREMELY LIGHTWEIGHT – .001 INCH THICKNESS
- ULTRA-SMOOTH, PURE LUSTER FINISH IN THREE BOLD, BEAUTIFUL COLORS: BRONZE SATIN, MIDNIGHT BLACK & METALLIC SILVER (CAST)
- PERFORMANCE VALIDATED BY 3RD PARTY DYNAMOMETER TESTING
- IDEAL HEAT CONTROL FOR ENGINE PARTS, MANIFOLDS, HEADERS, TAILPIPES, MUFFLERS AND TIPS

## INSTALLATION IN ONLY A FEW, EASY STEPS

- MEDIA BLAST PART SURFACES & WIPE CLEAN
- THOROUGHLY STIR-MIX COATING
- AIR-SPRAY, WIPE OR DIP A SINGLE, EVEN COAT
- OVEN CURE AT 450°F FOR TWO HOURS...OR AIR CURE FOR A FULL 120 HOURS

HushMat® is the sole, exclusive distributor of ZyCoat®, LLC Products for the worldwide automotive industry. HushMat® is the leader in the worldwide automotive sound and thermal management category. All HushMat® and ZyCoat® products are manufactured in the United States of America!



HushMat Owners Launch New Venture – ZyCoat, LLC – and Revolutionary New  
ZyBar® Manifold and Exhaust Coating for Automotive Industry  
*ZyBar is part of the ZyCoat® Family of Thermal Coatings*  
*Already Proven in High Temperature Applications*

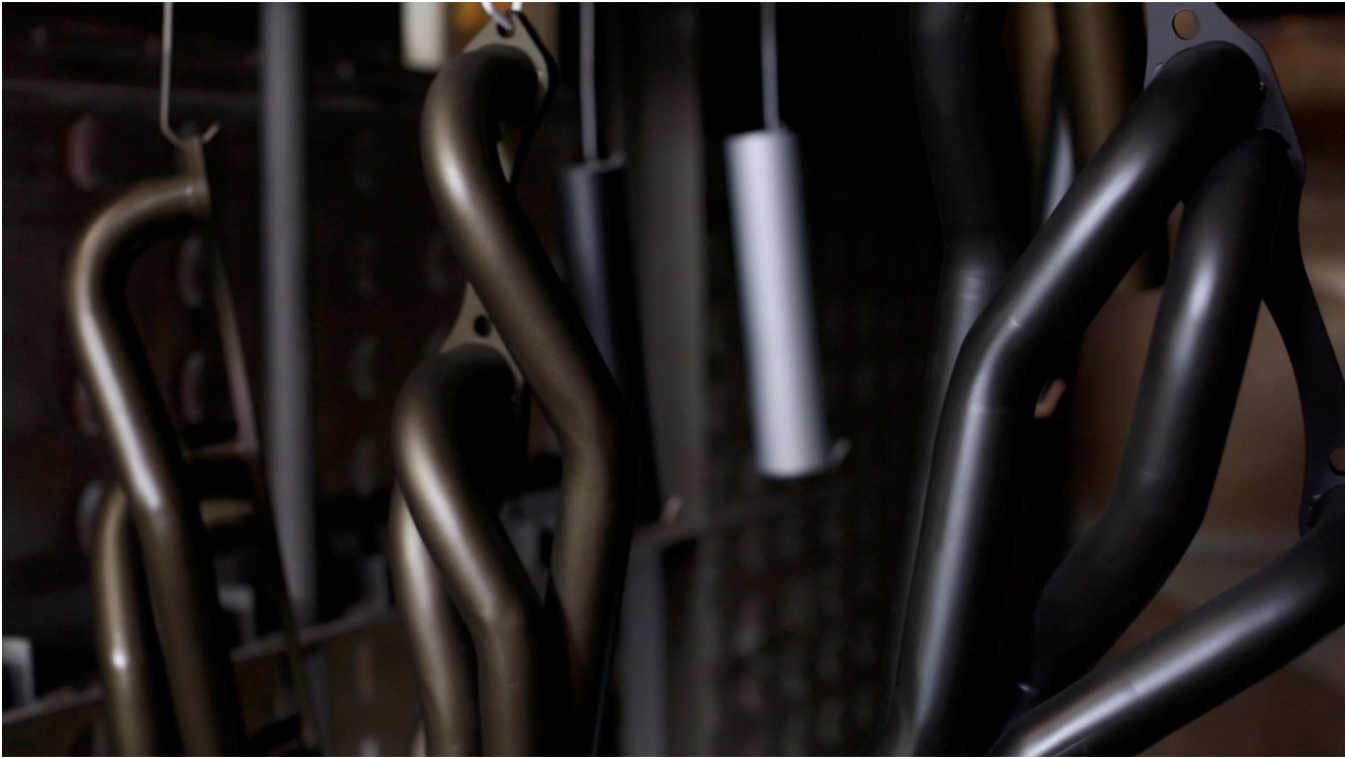
Olathe, Kansas (October 31, 2017) – The owners of HushMat recently formed ZyCoat, LLC as the exclusive distributor of ZyBar® Manifold and Exhaust Coating, a game-changing new product for the automotive industry. The first product in the ZyCoat® line of first-of-their-kind thermal coatings, ZyBar is a unique formulation adapted from coating technology that has been successfully used in the aerospace industry for years to neutralize the radiant heat produced in airplane engines.

ZyBar is available through wholesale distribution. HushMat and ZyCoat owner Tim McCarthy will exhibit ZyBar, the new thermal coating for auto engines and exhaust systems, at SEMA 2017 in Las Vegas October 31<sup>st</sup> – November 3<sup>rd</sup>. ZyBar is an air or oven cured material that provides over 90-percent radiant heat reduction, increased horsepower and fuel economy gains, and corrosion elimination with a single application at one thousandth of an inch (.001) thick. Consumers, engine/car builders, race and performance teams, jobbers and distributors will find technical data, application videos and effective solutions to engine side heat problems at the HushMat/ZyCoat SEMA booth #23297. HushMat, the fastest-growing automotive thermal insulation and sound-deadening materials company, continues to lead the industry with product technology like ZyBar from ZyCoat that is simple to install and high-performing.

“HushMat has entered the incredibly high temperature and aggressive engine-side thermal materials category with ZyBar Manifold and Exhaust Coating for thermal treatment in all engine components,” said ZyCoat and HushMat Founder and CEO Tim McCarthy. “ZyBar thrives in harsh, high temperature header and exhaust environments, producing higher engine horsepower, corrosion resistance and over 90-percent radiant heat reduction without adding any weight to the vehicle.” With ZyCoat, HushMat is leveraging its more than 28 years of experience designing, developing and manufacturing thermal management materials for the automotive industry.

ZyCoat products – made in the United States – are natural extensions of the industry-proven, auto enthusiast-preferred products from HushMat. ZyBar is the first durable thermal protection solution that outperforms tapes, wraps, shields and ceramic-based paints. The lightweight, hard-wearing coating is easy to apply by spraying, wiping or dipping.

HushMat, rated the #1 automotive sound deadening and thermal insulation material technology, is the highest performance material available to the automotive industry. HushMat® Ultra, a thermal insulating and sound deadening material, is easily applied to sheet metal, plastic or fiberglass surface surrounding vehicle interiors to reduce cabin noise and heat and improve the vehicle ride. HushMat is the only aftermarket sound deadening and thermal insulation material made in the United States.



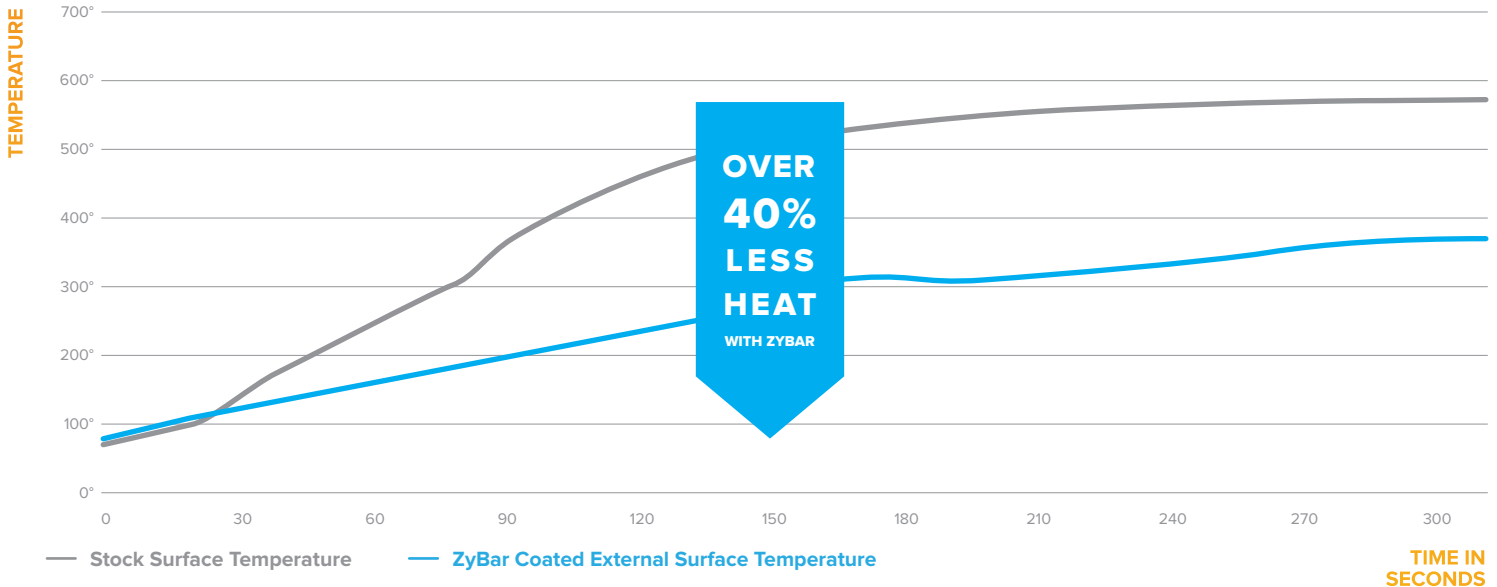


# ZYBAR® GREATLY REDUCES EXTREME ENGINE TEMPERATURES

ZyBar is a high-temperature, highly effective thermal coating for headers, manifolds, exhausts and turbochargers. ZyBar's revolutionary new, light weight micro-surface coating technology significantly reduces surface temperatures, which in turn reduces under-the-hood temperatures, and improves engine performance. The improvement in engine performance was confirmed by measuring header surface temperature reduction versus uncoated headers thus eliminating the need for heavy wraps, tapes and shields.



## ZYBAR SURFACE TEMPERATURE REDUCTION TEST DATA



Source: Testing completed on Broken in GM Crate 604 April 29, 2017 at Karl's Performance, Ankeny, IA

REDUCES HEAT  
INCREASES HORSEPOWER  
RESISTS CORROSION