

hydraBOND®

New!

500
Series



Introducing the New!

HydraBOND® HB555 Low VOC Clearcoat and Hardeners: Cost-Effective Excellence in Automotive Finishing

Embrace the unparalleled gloss, durability, and UV protection offered by the HydraBOND® 500 Series. Whether you're a professional seeking the highest quality finishes or an enthusiast aiming for a top-tier look for your project, our HB555 Low VOC Clearcoat and tailored hardeners ensure your results not only meet but exceed expectations.

The Economical Choice for Flawless Finishes

In the realm of automotive refinishing, professionals and enthusiasts alike seek products that don't just meet the highest standards of quality and durability but also offer economic efficiency. HydraBOND® introduces the HB555 Low VOC Clearcoat paired with a versatile range of Hardeners, presenting an unparalleled solution that balances cost-effectiveness with superior finish performance.

Designed for those who prioritize both the environment and their budget, the HB555 Low VOC Clearcoat stands out as a cost-effective option without compromising on quality. Its innovative formulation ensures a brilliant gloss and exceptional durability, making it the ideal foundation for stunning automotive finishes.

Scan QR code to see TDS on the:
New! 500 series Low VOC
Value Refinish System Solvent System



Scan QR code to see TDS for:
New! HB555 Low VOC
Clear coat and Hardeners



HydraBOND® 500 Series

Unmatched Quality for Automotive Refinishing

HB555 Low VOC Clearcoat (5L): The Foundation of Flawless Finishes

- Achieve Outstanding Gloss and Protection**
- UPC: 767787958770
- EAN: 0767787958770
- Part Number: HB555
- Packaging: Packaged 4 units per case, with a total weight of 51 lbs.
- Dimensions are 13¼"x8¼"x12¼".



Customize Your Finish with Our Premium Hardeners

HB556 Low VOC Fast Hardener (2.5L) Engineered for Rapid Projects

- Speed Up Your Workflow**
- UPC: 767787958787
- EAN: 0767787958787
- Part Number: HB556
- Packaging: Comes in 4 units per case, weighing 26 lb
- Dimensions of 17¼"x7"x7¼"



HB557 Low VOC Medium Hardener (2.5L) Designed for Balanced Drying

- Versatility for Various Project Demands**
- UPC: 767787958794
- EAN: 0767787958794
- Part Number: HB557
- Packaging: Each case contains 4 units, with a weight of 28 lbs
- Dimensions of 17¼"x7"x7¼"



HB558 Low VOC Slow Hardener (2.5L) Perfect for Precision Finishing

- Extend Your Work Time for Detailed Jobs
- UPC: 767787958800
- EAN: 0767787958800
- Part Number: HB558
- Packaging: 4 units per case, total weight of 29 lbs,
- Ddimensions are 17¼"x7"x7¼"



Ensure Flawless Application with 500 Series: A Detailed Procedure

To achieve exceptional results, follow our detailed mixing and application guide. The 500 Series is designed to provide a premium finish efficiently and effectively.

Mixing & Application Instructions for HB555 Low VOC Clearcoat with Hardeners

1. Mixing Ratio: Adhere to a precise 4:1 mix ratio of HB555 Clearcoat to your chosen Hardener, ensuring optimal consistency and finish quality.
2. Application Process: Apply 2-3 medium wet coats, allowing 7-10 minutes flash time between each coat to achieve the desired gloss and leveling.
3. Pot Life: The mixture remains viable for 2 hours at 68°F (20°C), offering ample time for adjustments.
4. Recommended Spray Gun Setup: For HVLP Gravity Feed, use a 1.3-1.5mm tip and needle. The same setup is advised for Conventional spray guns.

Detailed Drying Times & Post-Application Guidelines

- Dust Free Time: 30 minutes at 68°F (20°C)
- Tack Free Time: Achieved within 15-20 minutes
- Sand & Polish Ready: Between 12-24 hours, with accelerated curing options available.

Optimal Coverage & Storage Solutions

- Coverage Efficiency: Enjoy coverage of 388.49 square feet per gallon at a 50-micron film thickness.
- Storage Recommendations: Store in a cool, dry place. Clearcoat has a shelf life of one year, Hardener six months.

Safety Practices & Environmental Compliance

- Employ proper safety gear and ensure good ventilation during application. Our low VOC formula supports a healthier work environment.

Packaging Details for Each Component

- Clearcoat and Hardeners are carefully packaged, with detailed weights and dimensions provided above to assist in inventory and storage planning.

For unparalleled finishes and quality, HydraBOND® 500 Series is your premier choice. Visit our website or contact our customer service for further details and support.

HydraBOND® - Where Innovation Meets Environmental Responsibility and Affordability.

Features and Benefits:

Optimized for Performance: Achieve high gloss, durability, and UV protection with our specially formulated clearcoats and hardeners.

Environmental Responsibility: Our Low VOC formulas support healthier work environments and comply with industry regulations.

Versatility: Suitable for a wide range of automotive painting projects, from cars to trucks.

Ease of Use: User-friendly products that are easy to mix and apply, ensuring professional results even for beginners.

Economical: Designed to provide exceptional value without compromising on quality or performance.

For detailed information on application guidelines and additional product features, visit our website or contact our support team. With the 500 Series Clearcoat and Hardeners, you're not just painting; you're elevating the standard of your finish.

These specifications provide a comprehensive overview of the hydraBOND® 500 Series Low VOC 2K Urethane Primer and its associated hardeners, including details on packaging, VOC content, and application guidelines. For more information: Please read the TDS and SDS

*****Note there is a minimum*** Please contact your distributor for Special Orders!**

Scan QR Code
To Download SDS



hydraBOND®

New!

500
Series



Discover the Innovation: hydraBOND® 500 Series BASE-COAT

Introducing the New! 500 Series Factory Pack BASE-COAT Colors

Embrace the Future of Refinishing** with the New Low VOC BASECOAT 500 Series – A pinnacle of VALUE REFINISH SYSTEM brought to you by hydraBOND®.

Where technology meets sustainability, our latest offering is a testament to our commitment to innovation, versatility, and unmatched value.

Why the 500 Series?

- **Eco-Friendly Excellence:** Dive into the era of low VOC basecoats. Designed for the environmentally conscious, our products promise premium quality with minimal environmental impact.
- **Versatile and Economical:** The 500 series is engineered for those who seek the perfect harmony between performance and affordability. Why choose when you can have both?
- **Unparalleled Quality:** Featuring high-quality polyester composition and blendable factory pack colors to match a myriad of OEM paint codes, the 500 series stands out in its class.
- **Compatibility and Flexibility:** Tintable with any high-quality basecoat and top-coatable with any high-quality clear, the 500 series offers flexibility and compatibility like no other.
- **Brilliant Finish:** Achieve brilliant gloss, superior leveling, and outstanding control of metallics. The 500 series is your go-to choice for a finish that speaks volumes.

Scan QR code to see TDS on the:
New! 500 series Low VOC
Value Refinish System Solvent System



Scan QR code to see TDS for:
New! 500 Series Low VOC
Base Coat



500 series! Factory Pack BASE-COAT Colors ***in Stock!**

HB501 Base Coat Paint WA8555 Jet Black (GL) 500 Series

4-1 Gal/Case, Wt.: 39 Lbs (17.6 kg), Dim.: 13.5"x13.5"x7.75"

- UPC: 767787958978
- EAN: 767787958978
- OEM Color: Jet (Ebony) Black GM WA-8555
- Factory Pack BASE-COAT
- Color: Black
- Jet (Ebony) Black (1gl)
- High-quality, the polyester composite on
- Factory pack colors are blendable to match many OEM paint codes
- Can be tinted with any high-quality basecoat
- May be mixed with any high-grade urethane reducer (recommended at 1:1 mix ratio)
- Size: Gallon
- OEM color code: GM WA-8555
- May be top-coated with HB555 low VOC Clearcoat



HB502 Base Coat Toyota 040, Super White (GL) 500 Series

4-1 Gal/Case, Wt.: 44 Lbs (20 kg), Dim.: 13.5"x13.5"x7.75"

- UPC: 767787958985
- EAN: 0767787958985
- Factory Pack BASE-COAT
- Color: Super White
- High-quality, the polyester composite on
- Factory pack colors are blendable to match many OEM paint codes
- Can be tinted with any high-quality basecoat
- Size: Gallon
- OEM color code: Toyota 040
- May be mixed with any high-grade urethane reducer (recommended at 1:1 mix ratio)
- May be top-coated with HB555 low VOC Clearcoat



HB503 Base Coat Toyota (IF7) Silver, (GL) 500 Series

4-1 Gal/Case, Wt.: 37 Lbs (17 kg), Dim.:

13.5"x13.5"x7.75"

- UPC: 767787958985
- EAN: 0767787958985
- Factory Pack BASE-COAT
- Color: Super White
- High-quality, the polyester composite on
- Factory pack colors are blendable to match many OEM paint codes
- Can be tinted with any high-quality basecoat
- Size: Gallon
- OEM color code: Toyota 040
- May be mixed with any high-grade urethane reducer (recommended at 1:1 mix ratio)
- May be top-coated with HB555 low VOC Clearcoat



HB504 Base Coat GM (WA9260) Victory Red, (GL) 500 Series

4-1 Gal/Case, Wt.: 44 Lbs (20 kg), Dim.: 13.5"x13.5"x7.75"

- UPC: 767787959005
- EAN: 0767787959005
- Factory Pack BASE-COAT Colors
- Color: RED
- High-quality, the polyester composit on
- Factory pack colors are blendable to match many OEM paint codes
- Can be t nted with any high-quality basecoat
- Size: Gallon
- OEM color code: **GM WA-9260**
- May be mixed with any high-grade urethane reducer (recommended at 1:1 mix rat o)
- May be top-coated with **HB555 low VOC Clearcoat**



Factory Pack BASE-COAT Colors **Special Order!**

Now Offering over 150 Automotive Colors!

GM	FORD	CHRYSLER	TOYOTA	MAZDA	MERCEDES	NISSAN	HYUNDAI	BMW	HONDA	KIA	SUBURU	VW
213M	BY	PAU	40	38P	149	K23	IM	300	B537M	C3S	61K	L041
636R	FL	PJC	1D6		744	KAD	Y8S	354	B588P	C7S	D4S	LA7W
WA8554	J8	PS2	1F7		859	KH3		475	B92P		G1U	LC9ALD7X
WA8555	JP	PSC	1F9			RBY		668	NH578			LY9C
WA8264	TY	PVG	1G0			G10		A52	NH623M			
928L	UH	PXR	1G3			B30		B68	NH658P			
722J	UJ	PX8	1H1			G41		X18	NH700M			
926L	UX	PW7	1J9			BW9			NH701M			
519Q	YZ	PYB	209			V43			NH731P			
409Y	PQ	PR4	218			K12			NH737M			
130X	W6	PGW	3Q3			A20			NH797M			
384A	J7	PWL	HQ2			K11			NH830M			
457B	ME	PGZ	8S6			A15			R94			
439C	UM	PCL	4T3 6V4			D51						
464C	FM	PTW	8T0			RAB						
626D	BN	PAR	4U3			KBC						
619D	D1	PB8	4X0			QAK						
WA9260	E7	PBU	4V6			NAH						
121V	F1	PXJ	1H5			CAE						
433B	CX	PDM	202			RAQ						
410Y	H5	PRH				CAJ						
	N6	PB7				RAY						
	G1	PB3				RBG						
	AQ											
	G3											
	L2											
	E4											
	G2											
	YN											
	T5											
	HT											

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Introducing the New! 500 Series Low VOC 2K Urethane Primers and Hardeners

Discover the Innovation: hydraBOND® 500 Series Low VOC 2K Urethane Primer/Surfacer

The hydraBOND® team is excited to unveil the 500 Series Low VOC 2K Urethane Primers and Hardeners, a line of advanced coating solutions crafted to exceed the performance needs on a variety of surfaces. At the heart of this launch is the HB520 Low VOC 2K Urethane Primer/Surfacer, designed for professionals seeking superior adhesion, ease of sanding, and a high-build formula. Accompanied by a selection of hardeners tailored for varying project requirements, this series promises to revolutionize the way you approach surface preparation and finishing.

Advantages and Application

- **Adaptability and Performance:** The HB520 primer ensures that every surface, whether steel, aluminum, iron, or fiberglass, is perfectly prepared for the next layer, offering unparalleled adhesion and surface smoothness.
- **Tailored Mixing and Drying:** Depending on the project's specifics and ambient conditions, select the hardener that best fits your timeline and work process, adjusting the mix ratio for ideal application and curing times.
- **Surface Prep Made Easy:** A well-prepared surface is crucial for the success of any painting project. The HB520 series emphasizes the importance of cleanliness and proper preparation to achieve a flawless finish.

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New! 500 series Low VOC
Value Refinish System Solvent System



Scan QR code to see TDS for:
New! HB520 Low VOC
2K Urethane
Primer/Surfacer



hydraBOND® 500 Series Low VOC 2K Urethane Primer and hardener.

HB520 Low VOC 2K Urethane Gray Primer-Surfacer

- -Part Number: HB520
- -Packaging: 1 Gallon per can, 4 cans per case
- -Weight per Case: 44 lbs (20 kg)
- -Case Dimensions: 13.5"x13.5"x7.75"
- -VOC: Regulatory VOC: 238.3 g/l (1.98 lbs./gl.)
- -Actual VOC: 131.3 g/l (1.09 lbs./gl.)
- -Solids: By Volume: 51.7%, By Weight: 40.6%
- -Specific Gravity: 1.51 kg/l (12.66 lbs./gl.)
- -Coverage: 304.86 square feet per gallon @ 100% transfer efficiency @ 50 microns (2 mils))



HB521 Low VOC Fast Hardener

- -Part Number: HB521
- -Packaging: 1 Quart per can, 4 quarts per case
- -Weight per Case: 8 lbs (3.6 kg)
- -Case Dimensions: 7"x7"x8"



HB522 Low VOC Medium Hardener

- -Part Number: HB522
- -Packaging: 1 Quart per can, 4 quarts per case
- -Weight per Case: 9 lbs (4 kg)
- -Case Dimensions: 7"x7"x8"



HB523 Low VOC Slow Hardener

- -Part Number: HB523
- -Packaging: 1 Quart per can, 4 quarts per case
- -Weight per Case 10 lbs (4.53 kg)
- -Case Dimensions: 7"x7"x8"



GENERAL GUIDELINES FOR USE

- -Preparation: Surface must be clean, dry, and properly prepared.
- -Mixing Ratios: Primer to hardener at 4:1. For sealer, mix at 4:1:1 with appropriate reducer.
- -Application: Apply in well-ventilated areas with suitable protective gear.
- -Repainting: Light sanding required after 24 hours at 20°C (68°F) before repainting.

These specifications provide a comprehensive overview of the hydraBOND® 500 Series Low VOC 2K Urethane Primer and its associated hardeners, including details on packaging, VOC content, and application guidelines. For more information: Please read the TDS and SDS

hydraBOND® 500 Series Low VOC 2K Urethane Primer and hardener.

Hardeners for Every Need

- HB521 Low VOC Fast Hardener 2.1 VOC (Quart 32oz)**: Speeds up drying times for rapid project progression.
- HB522 Low VOC Medium Hardener 2.1 VOC (Quart 32oz)**: Provides a perfect balance of workability and efficiency.
- HB523 Low VOC Slow Hardener 2.1 VOC (Quart 32oz)**: Allows extended work time for detailed or high-temperature projects.

Best Practices for Storage and Safety

Maintaining the integrity of your products is as important as the application process itself. Store your HB520 series products in a controlled environment and adhere to all recommended safety guidelines to ensure not just the quality of your work, but also the well-being of those involved.

This introduction aims to spotlight the hydraBOND® 500 Series as a cornerstone in surface preparation and finishing technologies, with the HB520 Low VOC 2K Urethane Primer/Surfacer leading the charge towards achieving superior finishes across a multitude of surfaces..

These specifications provide a comprehensive overview of the hydraBOND® 500 Series Low VOC 2K Urethane Primer and its associated hardeners, including details on packaging, VOC content, and application guidelines. For more information: Please read the TDS and SDS

Description: HB520 is a 2K high build, high production acrylic urethane primer with excellent hold out and easy to sand properties. Light gray color makes it easy to achieve opacity with a minimal number of coats.

Suggested Uses: As a wet on wet sealer or a full-bodied sandable primer, where body repair, scratches or imperfections

- Minimal shrinkage is desired
- Excellent sandability and hold out are needed
- High productivity is required
- Components: HB520 Primer
- Hardener: HB521/HB522/HB523 Fast/Medium/Slow Hardener
- Reducer" HB771/HB772/HB773: Reducer Fast/Medium/Slow Reducer

•Mixing Ratio: 4:1

- As a primer: Mix four (4) parts HB520 Primer to one (1) part selected hardener (4:1)
- As a sealer: Mix four (4) parts HB520 Primer to one (1) part selected hardener to 25-35% selected reducer (4:1:25-35%)

•Application:

Spray Gun: HVLP Gravity Feed: 1.4 - 1.7mm tip and needle

Pressure Pot HVLP: 1.0 - 1.2mm tip and needle Air

Assist Airless: 1.0 - 1.2mm tip and needle

Conventional: 1.5 - 1.8mm tip and needle

*****Note there is a minimum*** Please contact your distributor for Special Orders!**

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Technical Data Sheet

HB520
Low VOC 2K Urethane
Primer/Surfacers

01102025.HB520.TDS

Description: HB520 is a 2K high build, high production acrylic urethane primer with excellent hold out and easy to sand properties. Light gray color makes it easy to achieve opacity with a minimal number of coats.

Suggested Uses: As a wet on wet sealer or a full-bodied sandable primer, where body repair, scratches or imperfections need to be filled.

Best if used when :

- Minimal shrinkage is desired
- Excellent sandability and hold out are needed
- High productivity is required.

Components:	HB520	Primer
	HB521/HB522/HB523	Fast/Medium/Slow Hardener

Mixing Ratio:	As a primer:	Mix four (4) parts HB520 Primer to one (1) part selected hardener (4:1)
	As a sealer:	Mix four (4) parts HB520 Primer to one (1) part selected hardener to 25-35% selected reducer (4:1:25-35%)

Spray Gun:

HVLP Gravity Feed: 1.4 - 1.7mm tip and needle

Pressure Pot HVLP: 1.0 - 1.2mm tip and needle

Air Assist Airless: 1.0 - 1.2mm tip and needle

Conventional: 1.5 - 1.8mm tip and needle

Film Build: 50 - 100 microns (2.0 - 5.0 mils.) when applied as directed

Dry Times:	Dust Free:	10 minutes at 68°F (20°C)
	Dry to Touch:	
	Dry to Sand:	
	Force Dry:	

VOC:	Regulatory VOC:	577.68 g/l (4.82 lbs/gl)
	Actual VOC:	579.4 g/l (4.8 lbs/gl)

Technical Data Sheet

HB520

**Low VOC 2K Urethane
Primer/Surfacer**

01102025.HB520.TDS

Solids:	By Volume:	33.80%
	By Weight:	55.60%

Specific Gravity: 10.9 lbs/gal (1.3 kg/l)

Coverage: 280 square feet per gallon at 100% transfer efficiency, 50 microns (2 mils) (26.1 square meters per gallon at 100% transfer efficiency, 50 microns (2 mils))

Repainting: After 48 hours @ 68°F(20°C) light sanding is needed

Storage Stability: One year stored in closed package, in a cool and dry place, away from any heat source.

Surface Preparation:

Ferrous Metal:

Best Case: SA2 sandblast Blow all dust and contaminants off and apply epoxy primer within 8 hours. Allow epoxy primer to fully cure then sand before applying HB520 primer.

2nd Best Case: Hot Phosphate wash system, blow dry and apply epoxy primer within 8 hours.

2nd Best Case: Careful mechanical abrasion. Clean dust, oil, residue, finger prints and contaminants before and after mechanical abrasion with a clean drying residue is removed. Then apply epoxy primer within 4 hours. Allow epoxy primer to fully cure then sand before applying HB520 primer.

Aluminum: Sand surface, then clean surface with clean drying wax and grease Remover, apply epoxy primer and let flash fully as per TDS, then apply HB520 primer.

Galvanized Steel: Clean all dust, oil residue, and contaminants from surface using a Clean drying wax and grease

remover, light sanding (320P grit) Clean again with clean drying wax and grease remover using a wipe process. Apply epoxy primer let flash as per TDS then Apply HB520 primer.