



AUTOMOTIVE FINISH

CATÁLOGO DE ACABADOS AUTOMOTRICES

PROFESSIONAL

SOLUTIONS FOR CAR REFINISHING!

¡SOLUCIONES PARA EL REACABADO DE COCHES!

BASE Coat Flyer





DESCRIPTION

A base coat VOC-compliant, solvent-borne base coat designed for overall repairs to OEM base coat/ clear coat finishes. It delivers excellent color accuracy, easy blending, and excellent coverage.

FEATURES

- Excellent color accuracy
- Easy to blend
- Excellent coverage

PRODUCT DETAILS

- Type Base coat
- Technology Urethane
- VOC 3.5 lb/gal (420 g/l)

Refer to the technical datasheet

AVAILABLE SIZES

- Size 1 GALLON
- Case Qty: 4

On the run?
LAUNCH MOBILE SITE



✓ HB6612 HB-SERIES, BASECOAT BINDER

4-1 Gal/Case, Wt.: 37 Lbs (17 kg), Dim.: 13.5"x13.5"x7.75"

✓ HB6667 HB-SERIES BASECOAT WHITE

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

✓ HB6667BW HB-SERIES, BASECOAT BRIGHT-WHITE

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

✓ HB6650 HB-SERIES, BASECOAT BLACK

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

⚠ WARNING: This product can expose you to chemicals, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov. Please consult the Safety Data Sheet. It is strongly recommended to use appropriate personal protective equipment during application.

Bicapas y Aglutinante

DESCRIPCIÓN

Una capa base que cumple con VOC, capa base a base de solvente diseñada para reparaciones generales de acabados de capa base / capa transparente OEM.

Ofrece una precisión de color excelente, una mezcla fácil y una cobertura excelente.

CARACTERÍSTICAS

- Excelente precisión de color
- Fácil de mezclar
- excelente cobertura

DETALLES DEL PRODUCTO

- Tipo de capa base
- Tecnología de uretano
- VOC 3.5 lb/gal (420 g/l)

Consulte la hoja de datos técnicos

TAMAÑOS DISPONIBLES

- Tamaño 1 GALÓN
- Cantidad por caja: 4

Andas de prisa o en
la carrera?

LANZAR DESCRIPCIÓN
DEL SITIO MÓVIL



✓ HB6612 HB-SERIES AGLUTINANTE DE PINTURA BICAPA

4-1 Galón/Caja, Peso: 37 Lbs (17 Kg), Dim.: 13.5"x13.5"x7.75"

✓ HB6667 HB-SERIES BICAPA BLANCO

4-1 Galón/Caja, Peso: 44 Lbs (20 Kg), Dim.: 13.5"x13.5"x7.75"

✓ HB6667BW HB-SERIES BICAPA, BLANCO, BRILLANTE

4-1 Galón/Caja, Peso: 44 Lbs (20 Kg), Dim.: 13.5"x13.5"x7.75"

✓ HB6650 HB-SERIES BICAPA NEGRO

4-1 Galón/Caja, Peso: 39 Lbs (17.6 Kg), Dim.: 13.5"x13.5"x7.75"

⚠ ADVERTENCIA: Este producto puede exponerlo a productos químicos, que el estado de California reconoce como causantes de cáncer y defectos de nacimiento u otros daños reproductivos. Para obtener más información, visite www.P65Warnings.ca.gov. Por favor consulte la Ficha de Datos de Seguridad. Se recomienda encarecidamente utilizar equipo de protección personal adecuado durante la aplicación.



North America

Technical Data Sheet

UNIVERSAL BASE-COATBasecoat
09/16/2015**FOR PROFESSIONAL USE ONLY****Description**

HB Series solvent borne basecoat provides excellent coverage, metallic control and sprayability when used to duplicate OEM solid, metallic and pearl color effects. HB Series must be used in conjunction with a HB AUTOCLEAR clearcoat in order to provide protection from the environment.

	Safety Considerations Use suitable personal protection. HydraBond products recommends the use of a fresh air supply respirator. Refer to the product Safety Data Sheet (SDS) for more complete safety information.	
	Agitate by shaking HB Series base-coat prior to use.	
	100 50-80	HB SERIES BASE-COAT HB SERIES Reducer Stir color thoroughly prior to adding HB SERIES reducer
	Use hb series Base-Coat measuring stick #1 (black)	
	HVLP or Compliant Spray-Gun Set-Up: 1.3-1.5 mm	Application Air Pressure: Consult spray gun manufacturers' specifications. HVLP – 10 psi at the air cap maximum.
	Application-Metallic Colors 3 x 1 Coats	Application – Solid Colors 2-3 x 1 coats
	Flash Between Coats at 70°F (20°C) 3-5 minutes	Flash Before Force Drying at 75°F (24°C) Not Recommended
	Re-Coatable With: HB SERIES Clearcoats	

Read complete TDS/SDS for detailed product information.

**UNIVERSAL BASE-COAT**Basecoat
09/16/2015**FOR PROFESSIONAL USE ONLY****Description**

HB SERIES solvent borne basecoat provides excellent coverage, good control and sprayability when used to duplicate OEM solid, metallic and pearl color effects. HB series must be used in conjunction with a HB AUTOCLEAR clearcoat in order to provide protection from the environment.

Suitable Substrates**SUITABLE SURFACES**

- All existing OEM finishes
- HydraBOND preparatory products

CANNOT BE APPLIED OVER

- Acid containing wash primers
- Airbag covers
- Thermoplastic acrylic laquers
- AutoPrep Pretreatment wipes

Products and Additives COMPATIBLE WITH HB UNIVERSAL BASE-COAT**BASE-COATS BINDERS***HB SERIES BASE COAT & BINDER ITEM# HB6612***HB SERIES AUTOCLEAR CLEARCOAT, 2.1 VOC AUTOMOTIVE CLEARCOAT**

HB SERIES AUTOCLEAR CLEARCOAT, F-STYLE CAN	ITEM# HBC21
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN, 32OZ. (.95L) FAST	ITEM# HBH065
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN, 32OZ. (.95L) MEDIUM	ITEM# HBH075
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN, 32OZ. (.95L) SLOW	ITEM# HBH085

**24 SERIES
ADITTIVES**

MULTI-PURPOSE UNIVERSAL FISH-EYE ELIMINATOR	ITEM# HB6353
MULTI-PURPOSE UNIVERSAL ACCELERATOR	ITEM# HB6353

REDUCERS

HB High Performance Reducer Fast	Item #HBS065
-Spot and panel repairs, temperature range 60°F – 75°F (16°C – 24°C)	
HB High Performance Reducer Medium	Item #HBS075
-Spot and panel repairs and large areas temperature range 70°F – 85°F (20°C – 30°C)	
HB High Performance Reducer Slow	Item #HBS085
-Larger areas and complete jobs temperature range 80°F – 95°F (27°C – 35°C)	

*Item numbers are provided for 1 gallon containers. Additional container sizes are available.

Basic Raw Materials

- Autobase Plus – Physically drying binders
- Sikkens High Performance Reducers – Special solvent blends
- Hardeners – Polyisocyanate resin

**UNIVERSAL BASE-COAT****FOR PROFESSIONAL USE ONLY****Substrate Preparation****Dry sanding**

- o Initial sanding steps may be executed with a coarser sanding grit; for example, #P360 - #P400
- o Final sanding step #P500 to #P600

Note: Respect a maximum 100 sanding grit step difference or less throughout the taken sanding steps.

Wet sanding

- o Initial sanding steps may be executed with a coarser sanding grit #P500
- o Final sanding step #P600 to #P800

Note: Respect a maximum 200 sanding grit step difference or less throughout the sanding steps.

Surface Cleaning

- o SQ1S Solvent based pre-prep ZERO VOC CLEANERS
- o SQ1 Water based pre-prep cleaners

Product Agitation

HB UNIVERSAL BASE-COAT must be stirred on a mixing machine for 15 minutes prior to use or agitated for 10 minutes a shaker.



HB UNIVERSAL BASE-COAT must be stirred thoroughly before and after reduction.



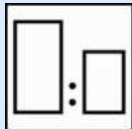
North America

Technical Data Sheet

UNIVERSAL BASE-COAT

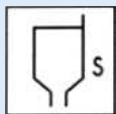
Basecoat

09/16/2015

FOR PROFESSIONAL USE ONLY**Autobase Plus Reduction**

Add SQ Reducer to all HB UNIVERSAL BASE-COAT prior to application using the following guidelines.

- 50-80 parts reducer by volume

Viscosity When Mixed

DIN Cup #4
70°F (20°C)

100:50 ratio – 16-17 seconds
100:80 ratio – 13-14 seconds

Pot-Life When Mixed**Autobase Plus Mixed Colors****70°F (20°C)**

HB UNIVERSAL BASE-COAT solid, metallic and pearl mixed colors

6 months

HB UNIVERSAL BASE-COAT 3 stage pearl colors

24 hours

Spray Gun Set-Up

Consult spray gun manufactures instructions for specific spray gun pressure specifications.

HVLP Gravity

1.3-1.5 mm

Max 10 psi at cap

Compliant Gravity

1.2-1.4 mm

Per manufacturer

Application Process**Solid colors**

- o Apply 2 single coats or until opacity is achieved.
- o Flash off 3-5 minutes between coats

**UNIVERSAL BASE-COAT**

Basecoat

09/16/2015

FOR PROFESSIONAL USE ONLY**Metallic / pearl colors**

1. HB UNIVERSAL BASE-COAT Solid Foundation Color: Spray 2 single coats, allowing approximately 5-7 minutes flash-off between each coat. Over primed areas and areas where extra coverage is required, apply first a single thin coat. Allow the foundation coat to dry for 15–20 minutes.
2. HB UNIVERSAL BASE-COAT Mid Coat: Spray three to four thin coats, allowing 3–5 minutes flash-off between coats at 70°F (20°C). Do not lower the air pressure for pearl coats.
3. HB UNIVERSAL BASE-COAT Transparent Solid Color Mid Coat: Spray three to four even, wet coats, allowing 5-10 minutes flash-off between coats at 70°F (20°C).

Note: To meet National Rule VOC levels for three-stage colors. The addition of 10% Sikkens PC Hardener or Sikkens Autoclear HS+ 2 Pack Hardener must be added to the “foundation color.” Use the # 14 (Blue) measuring stick for this, stir this mixture and continue to add High Performance Reducer at a ratio of 100:50 or 100:80.

Spot repairs

- When making spot repairs apply thin coats until opacity is achieved. Dry until matt between each coat before fading out beyond the coverage coats.
- Metallic colors may need lower air pressure may be needed for color control. Extend each coat until coverage is obtained. Finally apply an orientation coats fading out beyond the coverage coats.

Film Thickness – Using Suitable Application

HB UNIVERSAL BASE-COAT solid, metallic and pearl colors: 0.3-0.4 mils

Drying / Curing

Drying times are stated a recommended application method, film thickness and object temperature.



Allow Autobase Plus to dry for 15 to 20 minutes at 70°F (20°C) before applying the clearcoat. The maximum time Autobase Plus may be left before clear:

- Autobase Plus Metallic Color: 2 days
- Autobase Plus Solid Color: 4 days

Recoating**HB SERIES AUTOCLEAR CLEARCOAT, 2.1 VOC AUTOMOTIVE CLEARCOAT**

HB SERIES AUTOCLEAR CLEARCOAT, F-STYLE CAN	ITEM# HBC21
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN FAST	ITEM# HBH065
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN MEDIUM	ITEM# HBH075
HB SERIES AUTOCLEAR CLEARCOAT, ACTIVATOR CONE-TOP CAN SLOW	ITEM# HBH085

**UNIVERSAL BASE-COAT**Basecoat
09/16/2015**FOR PROFESSIONAL USE ONLY****Two Tone Application**

HB UNIVERSAL BASE-COAT Solid, Metallic and Pearl colors can be taped off with fine line masking tape after 20 minutes flash-off at 70°F (20°C) and a second color of HB UNIVERSAL BASE-COAT can then be applied.

Second Repair

If during the application of HB UNIVERSAL BASE-COAT Solid or Metallic color, some damage occurs such as dust impregnation or perspiration spots, allow the HB UNIVERSAL BASE-COAT to flash off for 20 minutes at 70°F (20°C). Lightly sand the damaged area with #P600 to #P800 grit paper wet. As there is no clearcoat to protect the base coat at this stage, care must be taken to clean up all sanding residue.

Cleaning of Equipment

Clean and rinse the spray gun thoroughly after use.

Theoretical Coverage

Theoretical coverage is dependent of many factors. These may include; the shape of the object, surface smoothness, application technique and other application variables among others.

- 143 m2/liter ready to spray at 1 mil dry Filmbuild and 100% transfer efficiency

VOC / Regulatory Information

Ready to spray VOC:

HB UNIVERSAL BASE-COAT 100:50 with High Performance Reducers: 6.28 lb/gal. 754 g/liter

HB UNIVERSAL BASE-COAT 100:80 with High Performance Reducers: 6.44 lb/gal. 773 g/liter

Notice: Do not handle until the Material Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.

Product Storage

Product shelf-life is determined when products are stored unopened at 70°F (20°C). Please reference the Sikkens Shelf Life TDS for the shelf life limits for each HB UNIVERSAL BASE-COAT