

PALINAL

High Technology Paint

125HP | HYDRO DOPPIO STRATO MANO UNICA_METALLIZZATI & PERLATI

HYDRO BASE COAT MATT, ONE COAT_METALLIC & PEARL
 BASES HYDROPAL + BINDER 120.DS69, 120.HP01
 2004/42/IIB (d) (420) 350

PREPARAZIONE












Preparation | Préparation |
 Preparación | Vorbereitung

	RAPPORTO MISCELA Mixing ratio Rapport de mélange Relación de Mezcla Mischungsverhältnis	PalcolorFinder Formula Formula Formule Fórmula Formel		
	PRODOTTO * Product Produit Producto Produkt	125 HP	100%	
	CATALIZZATORE * Hardener Catalyseur Catalizador Katalysator	115.0120	5 % Opzionale Optional En Option Opcional Optional	
	DILUENTE Thinner Diluant Diluyente Verdünner	-	-	
	FILTRO Filter Filtre Filtro Filter	2500 Maglie Meshes Mailles Mallas Poren (125µ)		

* Peso | Weight | Poids | Peso | Gewicht










APPLICAZIONE

 Application | Application |
 Aplicación | Anwendung

	POT Pot life (20° C) Vie en pot (20° C) Vida de la mezcla (20 °C) Topfzeit (20° C)	-
	VISCOSITÀ APPLICAZIONE Application viscosity Viscosité d'application Viscosidad de aplicación Spritzviskosität	40° ± 10 DIN / 4
	REGOLAZIONE DELLA PISTOLA Airbrush adjustment Regulación de la pistola Réglage du pistolet Sprühpistoleneinstellung	2 <i>Giri Turns Tours Vueltas Umdrehunge</i>
	UGELLO Nozzle Buse Boquilla Düse	1,2-1,3 HVLP/LVLP
	PRESSIONE ARIA Air Pressure Pression de l'air Presión de aplicación Luft	1,8-2,5 HVLP/LVLP
	NUMERO MANI Number of coats Nombre des couches Numero de capas Anzahl Spritzgänge	Applicazione in continuo fino a copertura Continuous application up to full coverage Appliacion continue jusqu'au recouvrement complet Aplicación en continuo hasta la cobertura Bis zur Deckung fortlaufendes Aufbringen
	INTERVALLO TRA LE MANI Time interval between coats Intervalle entre les couches Intervalo entre capas Intervall zwischen den Spritzgängen	-
SFUMATURA FADE OUT VOILE DE PLACEMENT DU METAL DIFUMINADA ABTÖNUNG		
	REGOLAZIONE DELLA PISTOLA Airbrush adjustment Regulación de la pistola Réglage du pistolet Sprühpistoleneinstellung	1 <i>Giro Turn Tour Vuelta Umdrehung</i>
	UGELLO Nozzle Buse Boquilla Düse	1,2-1,3 HVLP/LVLP
	PRESSIONE ARIA Air Pressure Pression de l'air Presión de aplicación Luft	1-1,2 HVLP/LVLP
	DISTANZA DAL SUPPORTO Distance from the support Distance du support Distancia desde el apoyo Abstand von der Oberfläche	20-25 cm






ESSICCAZIONE & RESA

 Drying & Yield | Séchage & Rendement |
 Secado & Rendimiento | Trocknung & Ergiebigkeit

	APPASSIMENTO Flash time Tiempo de secado Flétrissement Ablüftzeit	2'-3' 15' 20' - 20° 25°C	Aria forzata Forced air Air force Aire forzado Bewegte Luft Ventilazione Air drying Ventilation Ventilación Im Luftstrom
	FUORI POLVERE Dry dust free Hors poussière Fuera polvo Staubtrocken	-	
	PRONTO AL MONTAGGIO Ready to use Prêt pour le montage Listo para el montaje Montagefest	-	
	ESSICCAZIONE COMPLETA Through drying 20°C Sec en profondeur Durckgetrocknet 60°C	-	
	IR - ONDE MEDIE IR - Medium Waves IR - Onde moyennes IR - Ondas medias IR - Mittlere Wellen	-	
	IR - IRRADIANTI A GAS IR - Gas-fired radiant heaters IR - Radiants gaz IR - Radiantes a gas IR - Gas-Strahler	-	
	LUCIDABILITA' Polishability Polissabilité Pulido Schleifbarkeit	-	
	SPESSORE FILM SECCO Dry film thickness Espesor de película seca Épaisseur de la pellicule sèche Trockenschichtstärke	18 ± 3	
	M² RESA RFU - m² / kg x 1 μ Yield RFU Rendement RFU Rendimiento RFU Ergiebigkeit RFU	200	

CARTEGGIATURA

 Sanding | Ponçage
 Lijado | Schmirgeln

	ROTO ORBITALE SECCO Roto-orbital dry sanding Orbital à sec Roto-orbital seco Exzenterschleifer Trocken	P600-P800 Vecchia Verniciatura Old Paint Coat Peinture Existante Antiguo pintado Alter Lackierung P500-P600 Fondo Filler Apprêt Aparejo Grundierung
	ROTO ORBITALE BAGNATO Roto-orbital wet sanding Orbital humide Roto-orbital mojado Exzenterschleifer Nass	-
	CART MANUALE BAGNATO Manual sanding on wet ponçage manuel humide lijado manual en húmedo manuelles schmirgeln auf feuchtem grund	-
	CART MANUALE SECCO Dry manual sanding Ponçage manuel à sec Lijado manual a seco Handschliff Trocken	P500-P600 Vecchia Verniciatura Old Paint Coat Peinture Existante Antiguo pintado Alter Lackierung P400-P500 Fondo Filler Apprêt Aparejo Grundierung
	SOVRAVERNICIABILE Overcoatable Survernissable Repintable Überstreichbar	5' Dalla sfumatura From the fading coat Á compter du Voile Du Placement Du Metal Desde la difuminacion Ab Abtönungsanstrich

PRODOTTI COMPLEMENTARI

| Complementary products | Produits complémentaires | Productos complementarios | Komplementäres Produkt

CATALIZZATORE		AUSILIARI
Hardener Catalyseur Catalizador Katalysator		Auxiliaries Auxiliaires Auxiliares Hilfsmittel
115.0120	Standard	
120.DS69		Ritocco Touch-up Retouche Retoco Farbe-retuschier
100XHP10		Additivo Additive Additif Aditivo Zusatzstoff *

*PalcolorFinder Formula | Formula | Formule | Fórmula | Formel

CONSERVABILITA'

 Storing | Durée de conservation |
 Tiempo de conservación | Haltbarkeit

CONSERVABILITA'

 Storing | Durée de conservation |
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5 < °C < 35

Leganti Binders Liants Resinas Bindemittel	12*
Perlati & Pastello Pearlescent & Pastel Nacrés & Pastel Perlados & Pastel Perlweiss & Pastellfarben:	36*
Metallizzati Metallic Métallisés Metalizados Metallisiert:	24*

* Mesj | Months | Mois | Meses | Monate

*Sensibile alle basse temperature | Sensitive to low temperatures | Sensible aux basses températures | Sensible a bajas temperaturas |
Empfindlich gegenüber niedrigen Temperaturen*

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DESCRIPTION

Class 125HP of the Hydropal 120 series allows reproducing metalised, pearlescent and xyrallic double-layer colors for continuous application without flash-time between coats, through water-soluble bases with high pigment concentration and the addition of 120.DS69 and 120.HP01 High Performance binding agents. Color formulations are available for all the cars of the world as well as for all the motorcycles.

PRODUCT FEATURES - BENEFITS

- Single coat: continuous application without flash-time between coats
- Saving:
 - Up to 30% reduction in application time
 - Reduced product consumption by up to 30% thanks to increased coverage yield
- Product Ready for Use**
- Easy application
- Excellent vertical application and spreading

DIRECTIONS FOR USE

PREPARATION:

- Shake well the 120 bases with the can upside down before use. The bases must have a temperature of about 20°C when mixed to obtain the color.
- See color formulation provided by PalcolorFinder**.
- Filter the diluted product with a 2500- mesh filter (125µ)
- Catalysis: 5% recommended with 115.0120. Mandatory for:
 - Triple layer colors: 5% with 115.0120 both on the first and second layer
 - Transparent 223W.AIR: catalyze the 125HP matt base at 10% with 115.0125

**Refer to Palcolorfinder formulation for any 10% dilution with 100XHP10.

APPLICATION :

- Filler : For each color, the recommended filler color is reported in the Palcolorfinder.
- The125HP color must be applied on a well-dry filler:
 - **Qty. 1 regular coat. Apply the product continuously until full coverage is achieved.**
Distance from the substrate must be 10-15 cm, gun adjustment according to table A.1
 - Flash time: Approx. 10 minutes at 35°C or 15 minutes at 20°C with relative humidity ≤ 50%

TDS D102 ED. 07/2020

- **Final fade out:** a very thin and uniform coat in accordance to the rules reported in the "fading out" section.
It is possible to further reduce the application time by avoiding the flash-time before fading-out. In this case, we recommend the prior application of a color testing sheet. In fact, the shade on the wet color, for some colors may reduce the reproduction quality of the color.
- After 5 minutes of drying time at 20°C apply the VOC 420 gr|lt series 223 thinner-based, 923.AS90 antiscratch or 123.0250 water-based clear coat.

TABLE A.1.
AIRBRUSH ADJUSTMENT

GUN MODEL	SATA HLVP 4000/5000/5 500	WALCOM HTE	IWATA WB400	IWATA WBX400	DE VILBISS GT PRO T1 TRANS- TECH	DE VILBISS GT PRO H1 HVLP	ANI IDEA
NOZZLE	1.2-1.3 MM	1.2 MM	1.3 MM	1.2-1.3 MM	1.3	1.3	WB
PRESSURE IN BAR, MEASURED AT GUN BUTT	1.8 - 2 Bar	2.2 - 2.5 Bar	2 Bar	1.8 - 2 Bar	1.8 - 2 Bar	1 - 1.2 Bar	2.5 Bar
FAN-SHAPED OPENING	ALL OPEN	ALL OPEN	ALL OPEN	ALL OPEN	ALL OPEN	ALL OPEN	ALL OPEN
PRODUCT DISPENSING ADJUSTMENT (PRODUCT DISPENSER RPM)*	MIN 1.1/4 -2 MAX	MIN. 2 -2.3/4 MAX.	MIN 2.1/4 -3 MAX	MIN.1.3/4 -2,5 MAX.	MIN 1.1/2 -2.5 MAX	MIN 1.1/2 -2.1/4 MAX	MIN 2.1/4 -3 MAX
DISTANCE FROM THE OBJECT	10-15 CM	10-15 CM	10-15 CM	10-15 CM	10-15 CM	10-15 CM	10-15 CM

* the lower speed must be used for low-viscosity colors


PREPARATION | TRIPLE-LAYER COLOR APPLICATION:

PREPARATION: a 5% catalysis is always necessary with the 115.0120 product, both for the first and the second layer.

APPLICATION :

- On a well-dried primer apply the first layer continuously until full coverage is achieved.
- When the drying process is complete, apply the pearlescent color until the desired shade is reached with continuous shading.

Keeping in mind that triple-layer colors are obtained by contrast and not by covering, it is recommended an application on a color testing sheet.

SPECIAL NOTES

Hydropol products must be stored and mixed at a temperature of approximately 20°C.

Shake well the Hydropol bases with the can upside-down for a few seconds before use.

The container where the 125 matt base is prepared must be carefully cleaned and thus free from any traces of solvent.

The airbrush, previously washed, must be carefully rinsed with water (even tap water) before use to avoid lumps or chippings.

If an excessively thick matt base is applied, a loss of gloss and adhesion may occur. In this case we recommend adding 5% of 115.0120 cross-linking agent. The same procedure is needed to give strength to the base if the clear-coat is scratched by gravel.

TOOL WASHING

Use special thinner 100D2996

ATTACHED

FADING OUT TECHNIQUE_001

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