

PALINAL

High Technology Paint

125 | HYDRO BASE OPACA _ METALLIZZATI & PERLATI


HYDRO BASE COAT MATT _ METALLIC & PEARL

BASES HYDROPAL + BINDER 120.DS69







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	100%	
	CATALIZZATORE * Hardener Catalyseur Catalizador Katalysator	115.0120	5 % Opzionale Optional En Option Opcional Optional	
	DILUENTE Thinner Diluant Diluyente Verdünner	100E0224 / 100E1732	Formula Formula Formule Fórmula Formel	
	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	25" ± 3 DIN / 4		
	REGOLAZIONE DELLA PISTOLA Airbrush adjustment Regulación de la pistola Réglage du pistolet Sprühpistoleneinstellung	2 Giri Turns Tours Vueltas Umdrehunge		
	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	1 Molto leggera di ancoraggio Very light - anchoring Très légère - ancrage Muy ligera - fijación Leichte Hand-Verankerung	2 Uniformi Uniform Uniformes Uniformes Einheitliche	1 Sfumata Fade out Voile Du Placement Du Metal Difuminada Abtönung
	INTERVALLO TRA LE MANI Time interval between coats Intervalle entre les couches Intervalo entre capas Intervall zwischen den Spritzgängen	2'-3' Aria forzata Forced air Air force Aire forzado Bewegte Luft 15' 20' - 20° 25°C Ventilazione Air drying Ventilation Ventilación Im Luftstrom		
SFUMATURA FADE OUT VOILE DE PLACEMENT DU METAL DIFUMINADA ABTÖNUNG				
	REGOLAZIONE DELLA PISTOLA Airbrush adjustment Regulación de la pistola Réglage du pistolet Sprühpistoleneinstellung	1 Giro Turn Tour Vuelta Umdrehung		
	UGELLO Nozzle Buse Boquilla Düse	1,2-1,3 HVLP/LVLP		
	PRESSIONE ARIA Air Pressure Pression de l'air Presión de aplicación Luft	1,0 bar HVLP/LVLP		
	DISTANZA DAL SUPPORTO Distance from the support Distance du support Distancia desde el apoyo Abstand von der Oberfläche	25-30 cm		






ESSICCAZIONE & RESA

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

	APPASSIMENTO Flash time Tiempo de secado Flétrissement Ablüftzeit	2'-3' Aria forzata Forced air Air force Aire forzado Bewegte Luft 15' 20' - 20° 25°C 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 Séchage complet secado completo vollständige Trocknung	20 °C: - 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	-
	SPESSORE FILM SECCO Dry film thickness Espesor de película seca Épaisseur de la pellicule sèche Trockenschichtstärke	15 ± 3
	RESA RFU -M² / KG x 1 μ Yield RFU Rendement RFU Rendimiento RFU Ergiebigkeit RFU	150

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 À compter du Voile Du Placement Du Metal Desde la difuminacion Ab Abtönungsanstrich

PRODOTTI COMPLEMENTARI

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

	CATALIZZATORE Hardener Catalyseur Catalizador Katalysator	DILUENTE Thinner Diluant Diluyente Verdünner	AUSILIARI Auxiliaries Auxiliaires Auxiliares Hilfsmittel
115.0120	Standard		
100E0224/100E1732*		Standard	
120.DS69			Ritocco Touch-up Retouche Retoco Farbe-retuschier

* PalcolorFinder Formula | Formula | Formule | Fórmula | Formel

CONSERVABILITA'

 Storing | Durée de conservation |
 Tiempo de conservación | Haltbarkeit

	CONSERVABILITA' Storing Durée de conservation Tiempo de conservación Haltbarkeit	5 < °C < 35 Leganti Binders Liants Resinas Bindemittel 12* Perlato & Pastello Pearlescent & Pastel Nacrés & Pastel Perlados & Pastel Perlweiss & Pastellfarben: 36* Metallizzati Metallic Métallisés Metalizados Metallisiert: 24* * Mesi Months Mois Meses Monate
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 Sensibile alle basse temperature | Sensitive to low temperatures | Sensible aux basses températures | Sensible a bajas temperaturas |
 Empfindlich gegenüber niedrigen Temperaturen

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BASES HYDROPAL + BINDER 120.DS69

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DESCRIPTION

Class 125 of the Hydropal 120 series allows reproducing codes, matrices and variants of metalised, pearlescent and xyrallic double-layer colors of all the cars of the world through water-soluble bases with high pigment concentration and the addition of 120.DS69 binding agent. Color formulations for motorcycle colors are also available.

PRODUCT FEATURES - BENEFITS

- Faster and more covering than traditional solvent-based enamels
- Colorimetric capacity: color point accuracy and wide range of the available formulations in the DataBase
- Reproducibility over time: maximum base stability

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.
- Refer to PalcolorFinder: the % of optimal dilution is specified for each shade
- 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
 - 223W.AIR clear-coat: catalyze the 125HP matt base at 10% with 115.0120

APPLICATION :

- Filler: For each color, the recommended filler color is reported in the Palcolorfinder.
- The 125 color must be applied on a well-dry filler:
 - **1 light and very thin coat**
The distance from the substrate must be 20 cm, air pressure at the gun butt must be 3-4 bars when using a traditional gun or 1.8 - 2.2 bars if using an HLVP-LVLP gun. Nozzle 1.2 - 1.3 mm .
After a 20-second flash-time at 20°C, the enamel applied must be dry.
This stage is optional but highly recommended to remove any micro-impurities due to the presence of silicone in the air.
 - Apply **2 regular and even coats** spaced a few seconds/minute apart, depending on relative humidity conditions.
Distance from the substrate must be 10-15 cm, gun adjustment according to table A.1

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This application is valid for all colors. For those with less covering yield (yellow, red and colors with marginal quantities of aluminum base) it is essential to use the total grey filler with the grey shade specified in the color formulation and it is recommended to let dry a few minutes between one coat and the other.

Flash time: Approx. 20 minutes at 20°C or 2-3 minutes with forced air (venturi system) depending on the surface

- o **Final fade out:** a very thin and uniform coat in accordance to the rules reported in the "fading-out" section.
- o After 5 minutes of drying time at 20°C apply the VOC 420 gr | It series 223 thinner-based, 923.AS90 anti scratch or 123.0250 water-based clear coat

TABLE A.1.
AIRBRUSH ADJUSTMENT

GUN MODEL	SATA HLPV 4000/5000/5500	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 - 2.2 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

SPECIAL NOTES

- Hydropal products must be stored and mixed at a temperature of approximately 20°C. Shake well the Hydropal 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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