

PALINAL

High Technology Paint

129 | HYDRO SMALTO LUCIDO DIRETTO 2K_ PASTELLO

HYDRO 2K DIRECT GLOSS ENAMEL_ PASTEL

BASES HYROPAL + BINDER 120.2K09

2004/42/IIB(d)(420)250

PREPARAZIONE

 Preparation | Préparation |
 Preparación | Vorbereitung


RAPPORTO MISCELA

 Mixing ratio | Rapport de mélange |
 Relación de Mezcla | Mischungsverhältnis

2 : 1

PRODOTTO

Product | Produit | Producto | Produkt

129

100 VOL

CATALIZZATORE

Hardener | Catalyseur | Catalizador | Katalysator

115.0120

 50 VOL 129
 20 VOL Sottocofani | Back drafts | Sous capot |
 Bajo capó | Motorräume

DILUENTE

Thinner | Diluant | Diluyente | Verdünner

100D-----

 40 VOL 129
 20 VOL Sottocofani | Back drafts | Sous capot |
 Bajo capó | Motorräume





FILTRO

Filter | Filtre | Filtro | Filter

2500 Maglie | Meshes | Mailles | Mallas | Poren (125µ)





APPLICAZIONE

Application | Application |
Aplicación | Anwendung

	POT Pot life (20° C) Vie en pot (20° C) Vida de la mezcla (20 °C) Topfzeit (20° C)	1,5 h
	VISCOSITÀ APPLICAZIONE Application viscosity Viscosité d'application Viscosidad de aplicación Spritzviskosität	20" ± 3" DIN/4
	REGOLAZIONE DELLA PISTOLA Airbrush adjustment Regulación de la pistola Réglage du pistolet Sprühpistoleinstellung	2 Giri Turns Tours Vueltas Umdrehunge
	UGELLO Nozzle Buse Boquilla Düse	1,2-1,3 HVLP/LVLP 1,2-1,3 RP
	PRESSIONE ARIA Air Pressure Pression de l'air Presión de aplicación Luft	1,8-2,5 HVLP-LVLP 1,2-1,3 RP
	NUMERO MANI Number of coats Nombre des couches Numero de capas Anzahl Spritzgänge	2 - 3
	INTERVALLO TRA LE MANI Time interval between coats Intervalle entre les couches Intervalo entre capas Intervall zwischen den Spritzgängen	15' 20' - 20° 25°C Ventilazione Air drying Ventilation Ventilación Im Luftstrom

ESSICCAZIONE & RESA






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

	APPASSIMENTO Flash time Tiempo de secado Flétrissement Ablüftzeit	15' 20' - 20° 25°C Ventilazione Air drying Ventilation Ventilación Im Luftstrom
	ESSICCAZIONE COMPLETA * Through drying Séchage complet secado completo vollständige Trocknung	20 °C: 24 h 60 °C: 40'
	SPESSORE FILM SECCO Dry film thickness Espesor de película seca Épaisseur de la pellicule sèche Trockenschichtstärke	40 - 50 µ
	RESA RFU -M² / KG x 1 µ Yield RFU Rendement RFU Rendimiento RFU Ergiebigkeit RFU	350

* Per resistenze chimico/fisiche reticolazione completa a 20°C : 7 giorni |
For chemical/physical resistance full cross-linking at 20°C: 7 days |
Pour résistances chimico-physiques réticulation complète à 20°C: 7 Jours |
Para resistencias químicas/físicas reticulación completa a 20 °C: 7 días |
Erhalt vollständiger chemischer und physikalischer Festigkeit nach kompletter Vernetzung bei 20 °C: 7 Tage

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 Existente Antiquo 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 Existente Antiquo pintado Alter Lackierung P400-P500 Fondo Filler Apprêt Aparejo Grundierung
	SOVRAVERNICIABILE Overcoatable Survernissable Repintable Überstreichbar	-

PRODOTTI COMPLEMENTARI

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

CATALIZZATORE Hardener Catalyseur Catalizador Katalysator		DILUENTE Thinner Diluant Diluyente Verdünner	
115.0120	Standard		
100D----			Standard

CONSERVABILITA'

Storing | Durée de conservation |
Tiempo de conservación | Haltbarkeit

	CONSERVABILITA' Storing Durée de conservation Tiempo de conservación Haltbarkeit	5 < °C < 35 Leganti Binders Liantes Resinas Bindemittel 12* Basi pigmentate Pigmented bases Bases pigmentées Bases pigmentadas Pigmentierte Grundierung 36* * <i>Mesi Months Mois Meses Monate</i>
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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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DESCRIPTION

Class 129 of the Hydropal 120 series allows reproducing 2K pastel enamels with a direct gloss in all the colors and variants of the cars of the world and related under-hood colors through water-soluble bases with a high pigment concentration and the addition of the 120.2K09 binding agent. Colour formulations are also available for motorcycles under the RAL, NCS and any other industrial colour reference palette.

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
- VOC < 250 gr|lt

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 catalysis and optimal dilution is specified for each color.
- Filter the diluted product with a 2500- mesh filter (125µ)

APPLICATION:

- Filler: For each color, the recommended filler color is reported in the Palcolorfinder.
- The 129 color must be applied on a well-dry filler:
 - **Application of an almost full (70-80%) coat, well-spread and even**
The distance from the substrate must be 10-15 cm, air pressure at the gun butt must be 3.5-4 bar when using a standard gun or 1.8 - 2.2 bar if using an HLVP-LVLP gun. Nozzle 1.2 - 1.3 mm
Flash time: approximately 10 minutes at 20°C
 - Application of a full coat, well-spread and even Gun adjustment according to table A.1
Flash time: approximately 10 -15 minutes at 20°-25°C
 - Drying: 45 minutes at 60°C
The substrate can be applied after cooling of 30- 60 minutes.

With colors with poor coverage, it is possible to apply a third coat after the specified flash-times and the application criteria described in point 1 and 2.

TDS D70 ED. 07/2020

It is important to avoid overlapping and thus the application of excessive product thickness, especially in the vicinity of the joints and in the interstices between fender-hood, fender-doors, door-door etc. which, in addition to being unaesthetic, can cause spotting and bleaching.

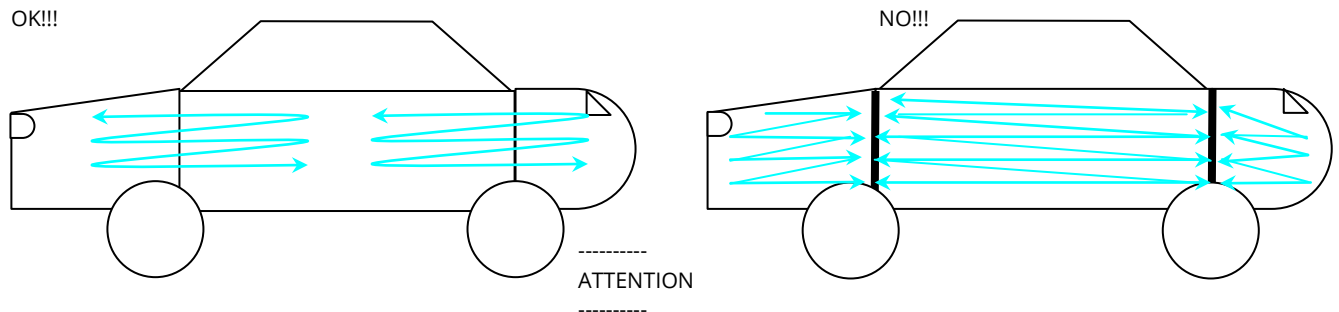


TABLE A.1.
AIRBRUSH ADJUSTMENT

GUN MODEL	SATA HLVP 4000/5000/5 500	SATA HLVP 4000/5000/55 00	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	1.2-1.3 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	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	ALL OPEN
PRODUCT DISPENSING ADJUSTMENT (PRODUCT DISPENSER RPM)*	MIN 1.1/4 -2 MAX	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	10-15 CM

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

SPECIAL NOTES

- Hydral products must be stored and mixed at a temperature of approximately 20°C. Shake well the Hydral bases with the can upside-down for a few seconds before use.
- The container where the 129 enamel is prepared must be carefully cleaned and thus be free of any traces of solvent. The airbrush, previously washed, must be carefully rinsed with water (even tap water) before use to avoid lumps or chippings.

TOOL WASHING

Use special thinner 100D2996

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