

TECHNICAL DATA SHEET

VHG100B – HIGH GLOSS PAINT BLACK

Finishing black paint based on special polyester resins for obtaining surfaces of exceptional quality.
Specifically formulated for the spray finishing of high gloss models.
Easy to apply, once dried it allows to obtain a perfectly workable layer of paint.

SUPPORTS

Recommended: sanded polyester and vinylester bases.

GENERAL INSTRUCTIONS FOR USE

- Apply on well cleaned sanded surfaces; make sure the substrate is free of dust, fibers, dirt and surface condensation.
- Mix the paint thoroughly.
- Add 1-2% of MEKP liquid hardener CT21 (methylethyl ketone peroxide), always mixing thoroughly.
- The product is workable for 15-20 minutes in a cup at 23°C.
- Apply by spray up to a maximum thickness of 500 - 600 microns in 4-6 coats of 100-150 microns each.
- Apply each single coat with 2 or 3 crossed passes, leaving the product to deaerate and spread out for 5 minutes between one coat and the next.

- Use a gravity spray gun with 1,4 - 1,7 mm nozzle and 2,0 – 2,5 bar (40psi) pressure.
- Theoretical coverage: 1,0 – 1,2 kg / m² for 600 microns of thickness.
- The product can be sanded after 6 hours from application at a temperature of 20°C.
- Typical sanding cycle: by hand P240-P320-P400 and after 6 hours P600-P800-P1200 (ATTENTION: no water).
- Polish the product 12 hours after sanding with water-based products.
- Do not use at temperatures below 16°C.
In its original packaging, the product can be used for 6 months if stored indoor away from direct sunlight, at temperatures not exceeding 20°C.

Note:

- To clean the surfaces, do not use silicone cloths or cloths that have been in contact with silicone;
- If you want to use a more fluid product, you can proceed, before catalysis, to add 5 - 10% of MEK solvent.

TYPICAL SPECIFICATIONS OF THE LIQUID PRODUCT

Tests made at 23°C	Value	Unit of measure	Method
Color	Black	-	IMIA-01
Specific weight	1,000 ± 0,05	Kg/l	IMIA-02
Solid content	50 ± 2	%	IMIA-03
Viscosity (Ford cup 4)	25 ± 5	s	IMIA-12
Gel time (100g product + 1,5g CT21)	25 ± 5	min	IMIA-15

TYPICAL SPECIFICATIONS OF THE LIQUID PRODUCT

Tests made at 23°C	Value	Unit of measure	Method
Brilliance	92 ± 5	GU	IMIA-01
Thermo-mechanical resistance: HDT	55 ± 5	°C	IMIA-02

(*) su provini induriti 24 ore a 23°C e post induriti 3 ore a 80°C

The information and data contained in this technical sheet are based on the measurements and experience gained; in good faith, they are made available to the customer who is responsible for the application verification and the definition of suitability for the intended use.
INTEC assumes no responsibility for the results obtained in the specific application made by the user.

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