



FINISH PRO™ 2K PLUS II DTM PRIMER BLACK

79111, 79114

Version: 1.0 Date of issue: 22/08/2019 Revision date: 22/08/2019

TECHNICAL DATASHEET

FINISH PRO™ 2K PLUS II DTM PRIMER BLACK is a high solids VOC compliant 2K 4:1 acrylic coating that can be used as a multi-role coating.

- High solids content.
- Easy to sand with great holdout.
- Protective sealant properties eliminate the need for epoxy sealants.
- Tintable with 10% mixing base.
- Excellent adhesion direct to metal and over OEM paint, e-coat, fiberglass, most plastics and polyester filler.

Application Guide

Tools Required



Personal Protective Equipment (see Safety Data Sheet), HVLP Gun, solvent/water-based degreasers

Surface Preparation



	Degreaser	Abrasion
Original Paint	Fast/Slow Solvent-Based Degreaser	P280 (dry), P320 (wet)
Bare Steel	Fast/Slow Solvent-Based Degreaser	P180
Aluminum	Fast/Slow Solvent-Based Degreaser	P180*
Galvanised	Fast/Slow Solvent-Based Degreaser	P180*
GRP, Fiberglass, SMC	Water-Based Degreaser	P240 (dry)
Polyester Body Filler	Fast/Slow Solvent-Based Degreaser	P240 (dry)
OEM E-Coat	Fast/Slow Solvent-Based Degreaser	Lightly abraded

FINISH PRO™ 2K PLUS II DTM PRIMER BLACK is multifunctional and has superb adhesion to all the substrates above. Clean and degrease removing dirt, oil, grease and wax with a cleaning solution, such as a solvent/water-based degreaser (please check local VOC regulations).

Abrade with grit paper as stated above for each respective substrate.

Re-clean, dry and degrease the abraded substrate ready for application.

*For optimum results on galvanised steel and aluminium surfaces, apply 1-2 light even coats of an Etch-Primer according to manufacturer's instructions.

Mixing ratio



High Build Primer 79111, 79114	Primer Base	Parts by Volume 4	Final Volume			
			250 ml	500 ml	750 ml	1000 ml
79064, 79066	Fast Activator (41-68°F)	1	94 g	47 g	141 g	188 g
79074, 79076	Medium Activator (59-95°F)		49 g	98 g	147 g	196 g
79084, 79086	Slow Activator (77-113°F)		49 g	99 g	148 g	197 g

Gun Application



	4:1 High Build Primer	4:1:1 Primer Surfacer	4:1:2 Wet-on-Wet Primer
Viscosity (Zahn #2)	50 - 65 Seconds	20 - 24 Seconds	14 - 16 Seconds
Working Pot-Life at 68 °F	1 - 2 hour	1 - 2 hours	2 - 3 hours
Gun Tip Size	1.7 - 2.0 mm	1.6 - 1.8 mm	1.3 - 1.4 mm
Air Pressure at Gun	1.8 - 2.0 bar (26-29 PSI)	1.8 - 2.0 bar (26-29 PSI)	1.8 - 2.0 bar (26-29 PSI)

Coats



	4:1 High Build Primer	4:1:1 Primer Surfacer	4:1:2 Wet-on-Wet Primer
Number of Coats	1-2	2-3	1-2
Flash-off at 68°F between coats	15 minutes	10 minutes	10 minutes
Flash-off at 68°F prior forced drying	15 minutes	10 minutes	10 minutes
Dry Film Build	180 µm (7 MIL)	100 - 200 µm (4-5 MIL)	30 - 60 µm (1-2 MIL)

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	Approximate Theoretical Coverage @ 1 MIL DFT*	752.4 ft ² /gal	626 ft ² /gal	536 ft ² /gal
		*Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness of 1 MIL DFT.		
Drying Time 	Air Drying Sandable at 68° F	3 - 4 hours	3 - 4 hours	2 - 3
	Force Drying Sandable at 140° F (surface temperature)	30 minutes	30 minutes	30 minutes
Sanding 	Dry Sanding	P320 - P400	P320 - P400	P320 - P400
	Wet Sanding	P500 - P800	P500 - P800	P500 - P800
Over-Painting 	FINISH PRO™ 2K PLUS II DTM PRIMER BLACK can be overpainted with most water-based or solvent-based paint systems or solid colors.			

Technical information

Physical properties 	Appearance	Viscous, Liquid.		
	Color	Black		
	Specific gravity / density	1.565 (1.55 - 1.58) g/cm ³		
VOC Information 	7911	Unmixed		
	As Packaged Regulatory VOC	402 g/l (3.3 lbs/gal)		
	As Packaged Actual VOC	370 g/l (3.1 lbs/gal)		
	Percent Solids	72.59 wt%		
	Percent Solids	50.32 vol %		
	Volatiles	27.4 wt%		
	Water Content	0 wt%		
	Water Content	0 vol %		
	Exempt Compounds by weight	4 wt%		
	Exempt Compounds by volume	8 vol %		
	% HAPS	10 wt%		
	Specific gravity / density	1579 g/l (13.2 lbs/gal)		
		Mixed with 7906 Fast Activator	4:1 Fast Activator	4:1:1 Fast Activator : Fast Hardener
As Applied Regulatory VOC	444 g/l (3.7 lbs/gal)	516 g/l (4.3 lbs/gal)	566 g/l (4.7 lbs/gal)	
As Applied Actual VOC	415 g/l (3.5 lbs/gal)	488 g/l (4.1 lbs/gal)	541 g/l (4.5 lbs/gal)	
Percent Solids	67.90 wt%	60.75 wt%	58.37 wt%	
Percent Solids	46.48 vol %	38.74 vol %	35.81 vol %	
Volatiles	32.1 wt%	39.2 wt%	45.0 wt%	
Water Content	0 wt%	0 wt%	0 wt%	
Water Content	0 vol %	0 vol %	0 vol %	
Exempt Compounds by weight	3.5 wt%	3.1 wt%	2.8 wt%	
Exempt Compounds by volume	6.4 vol %	5.3 vol %	4.6 vol %	
% HAPS	16.5 wt%	23.3 wt%	28.8 wt%	
Specific gravity / density	1451 g/l (12.1 lbs/gal)	1352 g/l (11.3 lbs/gal)	1281 g/l (10.7 lbs/gal)	
	Mixed with 7907 Medium Activator	4:1 Medium Activator	4:1:1 Medium Activator/Fast Reducer	4:1:2 Medium Activator/Fast Reducer
As Applied Regulatory VOC	449 g/l (3.7 lbs/gal)	521 g/l (4.3 lbs/gal)	570 g/l (4.8 lbs/gal)	
As Applied Actual VOC	421 g/l (3.5 lbs/gal)	493 g/l (4.1 lbs/gal)	544 g/l (4.5 lbs/gal)	
Percent Solids	67.72 wt%	64.08 wt%	54.88 wt%	
Percent Solids	46.76 vol %	42.02 vol %	33.40 vol %	
Volatiles	32.3 wt%	39.4 wt%	45.1 wt%	
Water Content	0 wt%	0 wt%	0 wt%	
Water Content	0 vol %	0 vol %	0 vol %	
Exempt Compounds by weight	3.5 wt%	3.1 wt%	2.8 wt%	

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Exempt Compounds by volume	6.4 vol %	5.3 vol %	4.6 vol %
% HAPS	11.8 wt%	19.1 wt%	25.0 wt%
Specific gravity / density	1460 g/l (12.2 lbs/gal)	1359 g/l (11.3 lbs/gal)	1287 g/l (10.7 lbs/gal)
Mixed with 7908 Slow Activator	4:1 Slow Activator	4:1:1 Slow Activator/Fast Reducer	4:1:2 Slow Activator/Fast Reducer
As Applied Regulatory VOC	450 g/l (3.7 lbs/gal)	521 g/l (4.3 lbs/gal)	571 g/l (4.8 lbs/gal)
As Applied Actual VOC	421 g/l (3.5 lbs/gal)	493 g/l (4.1 lbs/gal)	545 g/l (4.5 lbs/gal)
Percent Solids	67.71 wt%	60.62 wt%	54.87 wt%
Percent Solids	38.74 vol %	38.99 vol %	33.42 vol %
Volatiles	32.3 wt%	39.4 wt%	45.1 wt%
Water Content	0 wt%	0 wt%	0 wt%
Water Content	0 vol %	0 vol %	0 vol %
Exempt Compounds by weight	3.5 wt%	3.1 wt%	2.8 wt%
Exempt Compounds by volume	6.4 vol %	5.3 vol %	4.6 vol %
% HAPS	8.7 wt%	16.3 wt%	22.5 wt%
Specific gravity / density	1460 g/l (12.2 lbs/gal)	1359 g/l (11.3 lbs/gal)	1287 g/l (10.7 lbs/gal)

These values are based on theoretical calculations. Batch-to-batch variations may lead to small differences in VOC values. Please be aware that the addition of additives such as a Reducer will lead to changes in VOC content. A generic Fast Reducer formulation has been used in this case to estimate the set of 4:1:1 Primer Surfacer VOC values.

* 4:1:1 and 4:1:2 values are based on mixing with a generic "fast" reducer. Please ensure you use a reducer that will not cause your final mix to exceed local VOC limits.

Equipment Cleaning Clean gun immediately after use with a thinner or gunwash. Please choose gun-cleaner products which are VOC compliant in your area.

Important Remarks Do not use activated product beyond pot life. Activated material should not be returned to the original can of non-activated material. After 10 minutes standing, the paint may need mild agitation to reliquify before 2nd and 3rd coat applications.

Order Code	Format	Shelf Life	Comment
79111 FINISH PRO™ 2K PLUS II DTM PRIMER BLACK	1 US Gallon Tin	2 years	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79114 FINISH PRO™ 2K PLUS II DTM PRIMER BLACK	1 QT Tin	2 years	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79064 FINISH PRO™ 2K PLUS II FAST ACTIVATOR	1 QT Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79066 FINISH PRO™ 2K PLUS II FAST ACTIVATOR	Half Pint Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79074 FINISH PRO™ 2K PLUS II DTM MEDIUM ACTIVATOR	1 QT Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79076 FINISH PRO™ 2K PLUS II DTM MEDIUM ACTIVATOR	Half Pint Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79084 FINISH PRO™ 2K PLUS II SLOW ACTIVATOR	1 QT Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.
79086 FINISH PRO™ 2K PLUS II SLOW ACTIVATOR	Half Pint Tin	1 year	Shelf life from date of manufacture or a 5 digit batch code, depending on the production line used, printed on base of tin.

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Recommended storage temperature 41°F - 77°F

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. FINISH PRO™ disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the FINISH PRO™ website at WWW.FINISH-PRO.COM. FINISH PRO™ is not responsible for the results obtained by others over whose methods we have no control and thereof FINISH PRO™ is not liable for consequential or incidental damages including loss of profits.

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Shelf Life & Storage





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