

PAINTS

Technical Data Sheet

Product Name	
Full Product Name	404 PU White
Type of Product	2K Acrylic Urethane Topcoat
Description	Concept 404 PU White is a high performance 2K white topcoat. It is characterized by its high opacity, excellent flow, producing a high gloss as well as excellent chemical resistance and durability.

Products						
Product Name	Volume Solids %	Weight Solids %		s ity bs/US gal)C bs/US gal
404 PU White	50.0	53.9	1.047	8.74	482.9	4.03
213 Hardener Slow	35.4	40.9	1.004	8.38	593.8	4.96
213 Hardener Normal	33.3	39.9	0.986	8.23	593.1	4.95
213 Hardener Fast	33.6	40.2	0.968	8.08	578.3	4.83
213 Hardener Super Fast	31.5	38.9	0.938	7.83	572.7	4.78
831 Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
831 Thinner Normal	0.0	0.0	0.882	7.36	881.9	7.36
831 Thinner Normal Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties

- High opacity and performance
- Fast drying
- Excellent through cure
- Excellent levelling and flow
- High gloss



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Substrates

- Concept 132 2K Primer
- Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels.

Substrate Preparation	
All Substrates	All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Prod	uct Preparat	tion				
	Mixing Ratio 2:1 (by volume)	404 PU	White	213 Normal Hardener		
		2 parts		1 part		
	Reducer	Up to 10% (v/v) of Concept 831 Thinner Normal, if required.			f required.	
AB	Pot life @ 25°C (77°F)	2-3 hours				
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cup 16-17 s Ford 4 Cup 14-15 s				
	Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance	
>)		Gravity feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch	
*		Suction feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch	
HVLP		HVLP	1.2-1.3 mm 0.047-0.051"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch	
	Number of coats	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.			

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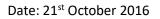
Product Preparation cont		tion cont			
	DFT Recommended	40-50 μm 1.6-2.0 mils			
	Flash off time @ 25°C (77°F)	5-10 min between coats			
	Drying	Air Dry 16-24 hours			
	Low Bake @ 50°C (122°F) 30-40 min				
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.					

Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
°F / °C	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints cleaner

Dry Film Properties	After 7 days drying, when compared to similar technology products.	
Gloss	Excellent	
Chemical resistance	Excellent	
Durability	Excellent	



Technical Data Sheet

Product Data	
Colour White	
Theoretical Coverage	Approx. 9.0 m ² /L (365 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature, away from sunlight.

Product Packaging			
Product Code 1	Product Code 2	Product Name	Package Size
A06C/2KWHT A04C/UNIMSS A04C/UNIMSN A04C/UNIMSF A04C/UNIMSSF A08C/2KTHS A08C/2KTHIN A08C/2KTHF	3606000 2139100 2139200 2139300 2139400 8319100 8319200 8319300	404 PU White 213 Hardener Slow 213 Hardener Normal 213 Hardener Fast 213 Hardener Super Fast 831 Thinner Slow 831 Thinner Normal 831 Thinner Normal Fast	1L, 4L, 20L 500 mL, 1L 500 mL, 1L 500 mL, 1L 500 mL, 1L 1L, 4L, 20L 1L, 4L, 20L 1L, 4L, 20L

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

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This Technical Data Sheet supersedes all previous issues.

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