

Technical Data Sheet

Product Name	
Full Product Name	155 ALL IN ONE Primer
Type of Product	A high build Polyester primer
Description	Concept 155 ALL IN ONE Primer is a high solid one step Polyester primer/sealer, characterized by excellent film build per coat and adhesion to most surfaces replacing the need for multiple primers. This product is designed for all topcoats.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
155 ALL IN ONE Primer Light Grey	54.2	75.9	1.510	12.60	218.9	1.82
MEKP Catalyst C1501	61.4	62.5	0.954	7.96	438.8	3.66
2K Universal Thinner						

Properties
<ul style="list-style-type: none"> • High film build per coat (high solids)
<ul style="list-style-type: none"> • Excellent adhesion to substrates
<ul style="list-style-type: none"> • Replaces many primers
<ul style="list-style-type: none"> • Excellent corrosion protection
<ul style="list-style-type: none"> • Excellent drying and sag resistance

Substrates

- Mild Steel and Aluminium surfaces primed with Concept 103 Etch Primer or Concept 110 Metal
- Adhesion to ferrous and non-ferrous surfaces
- Polyester spray filler
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound, cured, cleaned and lightly sanded existing surfaces

Substrate Preparation














All Substrates



All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Lightly rusted surfaces must be treated with Concept 025 Rust Converter.

Product Preparation

 Mixing Ratio 100:2 (by volume)		Concept 155 ALL IN ONE Primer	MEKP Catalyst C1501
		100g	2grams
 Reducer	10-20% (v/v) of Concept 2K Universal Thinner if required.		
 Pot life @ 25°C (77°F)	2-3 hours		
 Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	25-27 s 22-23 s	

Product Preparation cont

 Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
	Gravity feed	2.0 mm 0.079"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	Suction feed	2.0 mm 0.079"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	HVLP	1.5-1.8 mm 0.059-0.071"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Airless Air Assisted Electrostatic	Consult the manufacturer's instructions.		
	Number of coats	2-3	Apply one coat followed by 1 to 2 even full coats. Avoid heavy wet coats.	
	DFT Recommended	50-80 µm (up to 100 µm) 2.0-3.2 mils (up to 4.0 mils)		
	Flash off time @ 25°C (77°F)	5 min between coats		
	Drying	Air Dry @ 25°C (77°F)	1 – 2 hours 50-80 µm (2.0-3.2 mils) 16-24 hours 100 µm (4 mils)	
	Low Bake @ 50°C (122°F)	20-30 min		
	Sanding	Wet sand with P600-P800 before applying finish coat or Dry sand with P240 followed by P400-P500 using an orbital sander		
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.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning	
Use recommended Concept Paints 035 Gunwash	

Dry Film Properties	
	After 2 days drying, <u>when compared to similar technology products.</u>
Hardness	Excellent
Flexibility	Excellent
Corrosion protection	Excellent
Adhesion	Excellent

Product Data	
Colour	Light Grey
Theoretical Coverage	Approx. 5 m ² /L (205 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging

Product Code	Product Name	Package Size
AU15560081.02N	155 ALL IN ONE Primer	1.02L
AU15560084.10N	155 ALL IN ONE Primer	4.1L (Kit)
AU1556008000X	155 ALL IN ONE Primer	1L, 4L
AU15592000.XX	MEKP Catalyst	20ML, 100ML
AU83290000XX	2K Universal Thinner	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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