

# Technical Data Sheet

Product Name	
Full Product Name	<b>Underbody Proof Coat</b>
Type of Product	1K underbody proof coat
Description	Concept Underbody Proof Coat is quick drying, textured and flexible coating for use in wheel arches, quarter panels, fenders and all automotive under carriages. It is characterised by its excellent moisture, chemical and corrosion resistance, whilst creating a barrier that reduces vibration and noise.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Underbody Proof Coat	52.5	62.3	1.073	8.95	404.8	3.38

Properties
<ul style="list-style-type: none"> <li>• Quick drying</li> </ul>
<ul style="list-style-type: none"> <li>• Ready for use</li> </ul>
<ul style="list-style-type: none"> <li>• Textured finish</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>• Metal surfaces primed with Concept 103 Etch Primer</li> </ul>
<ul style="list-style-type: none"> <li>• Existing finishes in sound condition</li> </ul>



## Substrate Preparation

	<p><b>All Substrates</b></p>	<ul style="list-style-type: none"> <li>All surfaces must be thoroughly sanded and cleaned with Concept Wax &amp; Grease Remover prior to application.</li> <li>Lightly rusted surfaces must be treated with Concept Light Rust &amp; Metal Converter.</li> <li>Mask off surrounding areas to avoid overspray. Avoid spraying functional parts such as springs, exhausts, drive shafts, etc.</li> </ul>
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## Product Preparation

	<p><b>Reducer</b></p>	<p>Not required – product supplied ready for use.</p>			
	<p><b>Pot life</b> @ 25°C (77°F)</p>	<p>N/A</p>			
	<p><b>Spray viscosity</b> @ 25°C (77°F)</p>	<p><b>BSB 4 Cup</b> <b>Ford 4 Cup</b></p>	<p>As is</p>		
	<p><b>Spray equipment</b></p>	<p><b>Gun type</b></p>	<p><b>Fluid tip</b></p>	<p><b>Spray pressure</b></p>	<p><b>Spray Distance</b></p>
		<p><b>Wide bore schutz gun</b></p>	<p>4 mm 0.16"</p>	<p>345-690 kPa 3.45-6.9 bar 50-100 psi</p>	<p>15-20 cm 6-8 inch</p>
	<p><b>Number of coats</b></p>	<p>2-3</p>	<p>Spray in an even overlapping pattern. Apply two to three even coats to gradually increase film thickness.</p>		
	<p><b>DFT Recommended</b></p>	<p>80-100 µm 3.2-4.0 mils</p>			
	<p><b>Flash off time</b> @ 25°C (77°F)</p>	<p>5 min between coats</p>			
	<p><b>Drying</b></p>	<p><b>Air Dry</b> @ 25°C (77°F)</p>	<p>3-4 hours</p>		

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 cleaner

Dry Film Properties	After 7 days drying, <u>when compared to similar technology products.</u>
Moisture resistance	Excellent
Chemical Resistance	Excellent
Corrosion Resistance	Excellent
Vibration and Noise Protection	Excellent

Product Data	
Colour	Black
Theoretical Coverage	Approx. 5.0 m <sup>2</sup> /L (205 ft <sup>2</sup> /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/UPC	3527019	Underbody Proof Coat (Black)	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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