

Technical Data Sheet

Product Name	
Full Product Name	132 2K Etch Primer
Type of Product	2K Acid Etch Primer
Description	Concept 132 2K Etch Primer is an acid containing etch and primer in one product. This product is characterized by excellent adhesion and corrosion protection for a wide range of metal substrates. 132 2K Etch Primer also includes a rust inhibitor and gives a sound surface for the application of primer surfacers and subsequent topcoats. It is used when high performance corrosion and adhesion quality is required. It is Chromate free.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
132 2K Etch Primer - Beige	27.5	49.1	1.153	9.622	578.0	4.82
132 2K Etch Primer - Black	29.7	46.2	1.071	8.938	574.8	4.80
132 Etch Catalyst	1.5	3.4	0.815	6.80	782.0	6.53
831 2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
831 2K Thinner Normal	0.0	0.0	0.882	7.36	881.9	7.36
831 2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties
<ul style="list-style-type: none"> • Two in one (etch and primer)
<ul style="list-style-type: none"> • Excellent drying, adhesion and etching properties
<ul style="list-style-type: none"> • Chromate free
<ul style="list-style-type: none"> • Excellent corrosion protection
<ul style="list-style-type: none"> • Higher build when compared to other 2K Etching Primers

Substrates

- Mild Steel
- Aluminium
- Galvanised iron, Zincalume, Zinccanear
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound, cured and properly prepared 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 Light Rust & Metal Converter.

Product Preparation



	Mixing Ratio 2:1 (by volume)		Concept 132 2K Etch Primer	Concept 2K Etch Catalyst
			2 parts	1 part
	Reducer	Concept 2K Thinner, if required.		
	Pot life @ 25°C (77°F)	4-5 hours		
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	15-17 s 13-15 s	

Product Preparation cont

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	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
	Airless Air Assisted Electrostatic	Consult the manufacturer's instructions.		
	Number of coats	2-3 coats	Apply one light coat followed by two even full coats. Avoid heavy wet coats.	
	DFT Recommended	40-50 µm 1.6-2.0 mils		
	Flash off time @ 25°C (77°F)	5 min between coats		
	Drying	Air Dry @ 25°C (77°F)	4-6 hours	
	Sanding	Wet sand with P600-P800 or Dry sand with P500-P800 before applying finish coat.		

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.
Note:	Ensure the complete removal of any residue of Rust Converter before applying this primer.

Technical Data Sheet

Equipment Cleaning

Use recommended Concept Paints cleaner

Dry Film Properties

After 7 days drying,
when compared to similar technology products.

Hardness	Excellent
Corrosion protection	Good
Durability	Very good

Product Data

Colour	Beige, Black
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 1	Product Code 2	Product Name	Package Size
A03C/132B	1326100	132 2K Etch Primer Beige	1L, 4L
A03C/132BL	1327000	132 2K Etch Primer Black	1L, 4L
A03C/132CAT	2109000	132 Etch Catalyst	500mL, 1L
A08C/8312KS	8319100	831 2K Thinner Slow	1L, 4L, 20L
A08C/8312KN	8319200	831 2K Thinner Normal	1L, 4L, 20L
A08C/8312KF	8319300	831 2K Thinner Fast	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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