

Technical Data Sheet

Product Name	
Full Product Name	HS 2K Europrima (4:1)
Type of Product	2K polyurethane primer
Description	Concepts' HS 2K Europrima (4:1) is a four-in-one primer designed to be used as a high build, wet-on-wet primer on steel substrates as well as plastic bumper bars (NOT NEW BUMPERS). It is characterised by high filmbuild, excellent adhesion, flexibility, and ease of sanding.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
HS 2K Europrima (4:1)	52.1	72.5	1.538	12.84	423.0	3.53
Europrima Hardener	31.5	38.9	0.938	7.83	572.7	4.78
2K Thinner	0.0	0.0	0.872	7.27	871.5	7.27
031 2K Accelerator	0.9	1.1	0.877	7.32	866.8	7.23

Properties
<ul style="list-style-type: none"> • Excellent flexibility
<ul style="list-style-type: none"> • High build
<ul style="list-style-type: none"> • Excellent adhesion
<ul style="list-style-type: none"> • Easy to sand

Substrates
<ul style="list-style-type: none"> • Steel substrates
<ul style="list-style-type: none"> • After market bumper bars
<ul style="list-style-type: none"> • Concept Plastic Primer, polyester spray filler
<ul style="list-style-type: none"> • Glass reinforced polyester (GRP & general types of fibreglass body parts)
<ul style="list-style-type: none"> • Sound, cured and properly prepared existing surfaces

Technical Data Sheet

Substrate Preparation





All Substrates

- All painted Plastic surfaces must be thoroughly sanded and then cleaned with Concept Antistatic Cleaner prior to application. **(ON NEW BUMPERS PLEASE USE CONCEPT PLASTIC PRIMER)**
- All other surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Product Preparation



<p>Mixing Ratio 4:1 or 3:1 (by volume)</p> <p>Depending on application</p>	Application	Concept HS 2K Europrima (4:1)	Concept Europrima Hardener	
	Hi Build	4 parts	1 part	
	Wet-on-Wet	3 parts	1 part	
<p>Reducer</p>	<p>Hi Build: Up to 10% (v/v) Concept 2K Thinner. Wet-on-Wet: Up to 25% (v/v) Concept 2K Thinner. Add 5% Concept 031 2K Accelerator, if needed</p>			
<p>Pot life @ 25°C (77°F)</p>	2-3 hours			
<p>Spray viscosity @ 25°C (77°F)</p>	BSB 4 Cup Ford 4 Cup WOW Ford 4 Cup	25-27 s 22-24 s 14-16 s		
<p>Spray equipment</p> <p>HVLP</p>	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
<p>Number of coats</p>	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.		
<p>DFT Recommended</p>	40-60 µm 1.6-2.4 mils			

Product Preparation cont.

	Flash off time @ 25°C (77°F)	5 min between coats	
	Drying	Drying @ 25°C (77°F) Wet on Wet	15 min @ 25°C (77°F) before topcoating.
		Air Dry @ 25°C (77°F)	To handle: 3-4 hours
		Low Bake @ 60°C (140°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.
	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 7 days drying,
when compared to similar technology products.

Hardness	Excellent
Flexibility	Excellent
Sanding	Excellent

Technical Data Sheet

Product Data	
Colour	Grey
Gloss	Matt
Theoretical Coverage	Approx. 5.5 m ² /L (225 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
AU1446031000X	HS 2K Europrima (4:1)	4L, 5L (Kit)
AU14492000001	Europrima Hardener	1L
AU8319300000X	2K Thinner	1L, 4L, 20L
AU03190000001	031 2K Accelerator	1L

Safety
<p>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.</p> <p>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</p>

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

This Technical Data Sheet supersedes all previous issues.

Concept Paints
26-30 Charles Street
St Marys NSW 2760
Sydney, Australia

ph. +61 (2) 9673 2555
fax. +61 (2) 9623 1918
office@conceptpaints.com.au
www.conceptpaints.com.au