

Date: 13<sup>th</sup> July 2018

# Technical Data Sheet

Version:01

## Product Name

Full Product Name

**Europrima 2K HS Primer**

Type of Product

2K polyurethane primer

Description

Concepts' Europrima 2K HS Primer 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
Europrima 2K HS Primer	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
2K Accelerator	0.9	1.1	0.877	7.32	866.8	7.23

## Properties

- Excellent flexibility
- High build
- Excellent adhesion
- Easy to sand

## Substrates

- Steel substrates
- After market bumper bars
- Concept Plastic Primer, polyester spray filler
- Glass reinforced polyester (GRP & general types of fibreglass body parts)
- Sound, cured and properly prepared existing surfaces











## 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



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

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
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## Product Preparation cont.

	<b>Flash off time</b> @ 25°C (77°F)	5 min between coats	
	<b>Drying</b>	<b>Drying</b> @ 25°C (77°F) Wet on Wet	15 min @ 25°C (77°F) before topcoating.
		<b>Air Dry</b> @ 25°C (77°F)	To handle: 3-4 hours
		<b>Low Bake</b> @ 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 cleaner

## Dry Film Properties

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

<b>Hardness</b>	Excellent
<b>Flexibility</b>	Excellent
<b>Durability</b>	Excellent

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## Product Data

<b>Colour</b>	Grey
<b>Gloss</b>	Matt
<b>Theoretical Coverage</b>	Approx. 5.5 m <sup>2</sup> /L (225 ft <sup>2</sup> /US gal) @ recommended DFT
<b>Shelf Life</b>	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/EUPRIM A04C/EUPRIMH A08C/2KTH A04C/2KACC	8319300 0319000	Europrima 2K HS Primer Europrima Hardener 2K Thinner 2K Accelerator	4L 1L 1L, 4L, 20L 1L

## 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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