Date: 21st October 2016

Technical Data Sheet

Version:01

Product Name	
Full Product Name	2K Bar Primer (HS) Grey
Type of Product	2K polyurethane primer surfacer for bumper bars
Description	Concepts' 2K Bar Primer (HS) Grey is a two-in-one primer surfacer designed specifically for use on flexible bumper bars. It is characterised by high filmbuild, excellent adhesion, flexibility, and ease of sanding.

Products						
Product Name	Volume Solids %	Weight Solids %	Density g/mLାbs/Us			OC lbs/US gal
2K Bar Primer (HS) Grey Bar Primer Hardener (4:1)	52.1 31.5	72.5 38.9	1.538 12. 0.938 7.	84 .83	423.0 572.7	
2K Thinner Fast 2K Accelerator	0.0 0.9	0.0 1.1	0.872 7.	.83 27 32	871.5 866.8	7.27

Properties

- Excellent Flexibility
- High build
- Excellent levelling and flow
- · Easy to sand

Substrates

- New and 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

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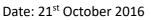
Version:01

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icep;

Substrate Preparation	
All Substrates	 All surfaces must be thoroughly sanded and then cleaned with Concept Antistatic Cleaner prior to application. Spray one to two coats of Concept Plastic Primer and allow to flash off for 20 minutes.

Prod	uct Preparati	on				
	Mixing Ratio 4:1 (by volume)		ConceptConcept2K Bar Primer (HS)Bar PrimerGreyHardener (4:1)			ar Primer
			4 parts			1 part
	Reducer	Up to 20% (v/v) of Concept 2K Thinner Fast. Add 5% Concept 2K Accelerator, if needed				
AB	Pot life @ 25°C (77°F)	2-3 hours	3 hours			
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	25-27 s 22-24 s			
	Spray equipment	Gun type	Fluid tip	Spray Spray pressure Distance		
> 1		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 psi15-20 cm 6-8 inch			
HVLP		HVLP	1.2-1.3 mm40-70 kPa15-20 cm0.047-0.051"0.4-0.7 bar6-8 inch			
	Number of coats	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.			
	DFT Recommended	40-60 μm 1.6-2.4 mils				
	Flash off time @ 25°C (77°F)	5 min between	en coats			



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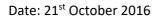
Product Preparati	ON cont.			
Drying	Air Dry @ 25°C (77°F)	To handle: 3-4 hours		
	Low Bake @ 60°C (140°F)	30-40 min		
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty 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.
₽₽₽ / °C	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Clea	aning
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Use recommended Concept Paints cleaner

Dry Film Properties	After 7 days drying, when compared to similar technology products.	
Hardness	Excellent	
Flexibility	Excellent	
Durability	Excellent	



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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 1	Product Code 2	Product Name	Package Size
A03D/2KBARPR A03D/2KBARPHARD A08C/2KTHF A04C/2KACC	1816200 2519200 8319300 0319000	2K Bar Primer (HS) Grey Bar Primer Hardener (4:1) 2K Thinner Fast 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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