

# Technical Data Sheet

<b>Product Name</b>	
Full Product Name	<b>Illusions</b>
Type of Product	Illusion effect 1K basecoat
Description	Concept Illusions is the 1K basecoat part of a high performance 2K clear over base (C.O.B) effect colour system. The colours in this range give an Illusion effect, i.e. the colour of the coating changes at different viewing angles, producing a unique range of colour effects.

<b>Products</b>						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
Concept Illusions Celtic Blue	13.0	19.7	0.957	7.98	768.6	6.41
Concept Illusions Cryptic Red	12.7	18.7	0.948	7.91	770.9	6.43
Concept Illusions Mirage Green	12.9	19.5	0.955	7.97	769.0	6.42
Concept Illusions Roman Gold	12.7	18.7	0.948	7.91	770.9	6.43
Basecoat Reducer	0.0	0.0	0.879	7.33	878.9	7.33
Slow Basecoat Reducer	0.0	0.0	0.893	7.45	892.7	7.45

<b>Properties</b>
<ul style="list-style-type: none"> <li>• Provide brilliant and vivid effect colours</li> </ul>
<ul style="list-style-type: none"> <li>• Easy to apply</li> </ul>

<b>Substrates</b>
<ul style="list-style-type: none"> <li>• Concept Illusions Groundcoat Black</li> </ul>

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



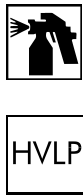



## Substrate Preparation



**All Substrates**

All surfaces must be thoroughly cleaned with Concept Wax & Grease Remover prior to application.



## Product Preparation

	<b>Reducer</b>	30-40% (v/v) of Concept Basecoat Reducer			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b>	16-17 s		
		<b>Ford 4 Cup</b>	14-15 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>	1.2-1.4 mm 0.047-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		<b>Suction feed</b>	1.2-1.4 mm 0.047-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		<b>HVLP</b>	1.2-1.4 mm 0.047-0.055"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	<b>Number of coats</b>	3-4	Apply three to four even coats. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	15-20 µm 0.6-0.8 mil			
	<b>Flash off time</b> @ 25°C (77°F)	5-10 min between coats			
	<b>Drying</b>	<b>Air Dry</b> @ 25°C (77°F)	20-30 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.

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## 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.**

**Colour Consistency**

Excellent

## Product Data

<b>Colour</b>	Celtic Blue, Cryptic Red, Mirage Green, Roman Gold
<b>Theoretical Coverage</b>	Approx. 7.0 m <sup>2</sup> /L (285 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
A06D/ICELBL	3624024	Illusions Celtic Blue	500mL, 1L
A06D/ICRYPR	3623016	Illusions Cryptic Red	500mL, 1L
A06D/IMIRGR	3625008	Illusions Mirage Green	500mL, 1L
A06D/IROMGOLD	3621023	Illusions Roman Gold	500mL, 1L
A08C/BCTHIN	8039200	Basecoat Reducer	1L, 4L, 20L, 60L
A08C/BCTHINS	8039100	Slow Basecoat Reducer	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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