

Date: 21st October 2016

Technical Data Sheet

Version:01

Product Name	
Full Product Name	753 Surfboard Clear
Type of Product	1K Matt Acrylic Clearcoat
Description	Concept 753 Surfboard Clear is an acrylic based clearcoat, specifically designed to give an even low gloss finish to surfboards. The use of special resins and other raw materials ensures a flat, but very flexible product, with excellent adhesion and water resistance properties.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
753 Surfboard Clear	29.1	35.5	0.940	7.84	682.5	5.70
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01
Retarder Thinner	0.0	0.0	0.884	7.38	884.0	7.38

Properties
<ul style="list-style-type: none">• Superior performance, adhesion and water resistance
<ul style="list-style-type: none">• Low gloss
<ul style="list-style-type: none">• Good durability

Substrates
<ul style="list-style-type: none">• Concept Unicryl 3000 Series colours

Technical Data Sheet

Substrate Preparation



All Substrates

All surfaces must be clean and free from any contamination prior to application.

Product Preparation



Reducer

100% (v/v) Concept Acrylic Thinner
5-10% Concept Retarder Thinner, if required (to minimise blooming)



Pot life @ 25°C (77°F)

N/A



Spray viscosity @ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

17-18 s
15-16 s



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



Number of coats

2-3

Apply two to three even coats.
Avoid heavy wet coats.



DFT Maximum 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)

40-60 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.

Gloss

Low

Flexibility

High

Adhesion

Excellent

Water resistance

Excellent

Product Data

Colour

Water white

Theoretical Coverage

Approx. 4.0 m²/L (165 ft²/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
A07C/SURF	7039000	753 Surfboard Clear	20L
A08C/ACR	8029200	Acrylic Thinner	1L, 4L, 20L, 60L
A08C/RET	8109200	Retarder Thinner	1L, 4L, 20L, 60L

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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