

Technical Data Sheet

| Product Name | |
|-------------------|---|
| Full Product Name | 760 1K Metal Clear |
| Type of Product | 1K Direct To Metal (DTM) Acrylic Clearcoat |
| Description | Concept 760 1K Metal Clear is a Direct to Metal (DTM), high gloss, single pack clearcoat, designed to be used directly over aluminium, stainless steel and other common metal surfaces for aesthetics and protection. It is characterised by excellent flow, producing a high gloss and very good water resistance. |

| Products | | | | | | |
|------------------------------|-----------------|-----------------|---------|------------|-------|------------|
| Product Name | Volume Solids % | Weight Solids % | Density | | VOC | |
| | | | g/mL | lbs/US gal | g/L | lbs/US gal |
| 760 1K Metal Clear | 35.3 | 39.7 | 0.885 | 7.38 | 589.2 | 4.92 |
| Acrylic Thinner | 0.0 | 0.0 | 0.840 | 7.01 | 839.8 | 7.01 |
| Light Rust & Metal Converter | 7.6 | 14.6 | 0.998 | 8.33 | 270.4 | 2.26 |

| Properties |
|---|
| <ul style="list-style-type: none"> Superior performance with fast drying |
| <ul style="list-style-type: none"> Excellent flow |
| <ul style="list-style-type: none"> Direct to metal (DTM) over various substrates |

| Substrates |
|---|
| <ul style="list-style-type: none"> Aluminium, Stainless Steel, Alloys (always check if unsure) |

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Substrate Preparation



All Substrates

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

Product Preparation



Reducer

Up to 20% (v/v) Concept Acrylic Thinner.



Pot life
@ 25°C (77°F)

N/A



Spray viscosity
@ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

18-20 s
16-17 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

3

Apply 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)

5-10 min between coats





Drying

Air Dry
@ 25°C (77°F)

60-90 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. |
| NOTE: | Ensure the complete removal of any residue of Rust Converter before applying this clear coat |

| Equipment Cleaning | |
|--|--|
| Use recommended Concept Paints cleaner | |

| Dry Film Properties | |
|-----------------------|---|
| | After 7 days drying, <u>when compared to similar technology products.</u> |
| Gloss | High |
| Water resistance | Very good |
| Adhesion to substrate | Excellent |

| Product Data | |
|----------------------|--|
| Colour | Water white |
| Theoretical Coverage | Approx. 3.0 m ² /L (120 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 |
| A07C/760 | 7029000 | 760 1K Metal Clear | 1L, 4L |
| A08C/ACR | 8029200 | Acrylic 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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