

Selection & Specification Data

Generic Type	Single package aluminium hydrocarbon						
Description	Carbocoat 1265 Aluminium is a highly reflective, fast drying aluminium finish with excellent leafing and weathering properties. May be applied by spray, brush or roller.						
Features	<ul style="list-style-type: none"> - For structural steel, fencing, piping and other equipment where a bright, reflective aluminium topcoat is required - Excellent flexibility - Excellent weathering - Poor abrasion resistance - May be applied over most vinyls, alkyds or epoxies as recommended - Not recommended for immersion service, splash and spillage of acids, alkalies and strong solvents. - Due to cure times and abrasion resistance, Carbocoat 1265 is not recommended for shop applications 						
Colour	Aluminium only. Colour may vary according to application method and technique.						
Finish	N/A						
Topcoat	None required						
Dry Film Thickness	25 Microns						
Solids Content	By Volume 40% ± 2%						
Theoretical Coverage Rate	16m ² /litre at 25 microns						
	NOTE: Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.						
Temp Resistance	<table> <tr> <td>Non-immersion</td> <td></td> </tr> <tr> <td>Continuous</td> <td>85°C</td> </tr> <tr> <td>Non-continuous</td> <td>110°C</td> </tr> </table>	Non-immersion		Continuous	85°C	Non-continuous	110°C
Non-immersion							
Continuous	85°C						
Non-continuous	110°C						

Substrates & Surface Preparation

General	Remove any oil and grease from surface to be coated.
Steel	Apply over clean, dry, recommended primers.

November 2016 replaces March 2012

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Carbocoat® 1265 Aluminium

Application Equipment

Spray Use adequate air volume for correct operation.

Use a 50% overlap with each pass of the gun. On irregular surfaces, coat the edges first, making an extra pass later.

NOTE: The following equipment has been found suitable, however equivalent equipment may be substituted.

Conventional Use a 10mm minimum I.D. material hose. Hold gun 200 to 350mm from the surface and at a right angle to the surface.

<u>Mfr & Gun</u>	<u>Fluid Tip</u>	<u>Air Cap</u>
Binks # 18 or # 62	63B	63PB
DeVilbiss P-MBC or JGA	FF (app .055" I.D.)	704

Airless Use a 10mm minimum I.D. material hose. Hold gun approximately 300 to 350mm from the surface and at a right angle to the surface.

<u>Mfr & Gun</u>	<u>Pump *</u>
DeVilbiss JGN-502	QFA-514 32:1
Graco 205-591	President 30:1 or Bulldog 30:1
Binks Model 500	Mercury 5C

* Teflon packings are recommended and are available from the pump manufacturer. Use a .015" to .017" tip with 2000 psi (138 bar)

Brush Use a medium natural bristle brush. Avoid rebrushing.

Roller Use a short nap mohair roller with phenolic core.

Mixing & Thinning

Mixing Mix to a uniform consistency before thinning.

Thinning Thin up to 5% by volume with Thinner # 85.

NOTE: Use of thinners other than those supplied or approved by StonCor Africa may adversely affect product performance and void product warranty, whether expressed or implied.

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Normal	10-29°C	18-29°C	18-29°C	50%
Minimum	5°C	5°C	5°C	0%
Maximum	43°C	43°C	43°C	95%

Do not apply when the surface temperature is less than 3°C above the dew point.

Special thinning and application techniques may be required above or below normal conditions.

Curing Schedule

Surface Temp. & 50% Relative Humidity	Between Coats	Final Cure
10°C	18 Hours	5 Days
16°C	12 Hours	4 Days
24°C	6 Hours	3 Days
32°C	4 Hours	2 Days

Cleanup & Safety

Cleanup Use Thinner # 2 or Xylol

Safety Read and follow all caution statements on this product data sheet and on the material safety data sheet for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Packaging, Handling & Storage

Shipping Weight (Approximate)	Carbocoat 1265	5 Litre
	Thinner # 85	5.5kg
		4.5kg

Flash Point (Pensky Martens Closed Cup)	Carbocoat 1265	26°C
	Thinner # 85	35°C

Storage Temperature & Humidity 4 to 43°C
0 to 100%
Store indoors

Shelf Life 12 Months minimum when stored at 25°C

***Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.**



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