

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Modified medium oil alkyd undercoat.
<b>Description</b>	Carbocoat GP-64 Undercoat is a moderately fast drying universal undercoat. It has excellent flexibility and good abrasion resistance. It can be applied over most alkyd primers, as an intermediate coat or as a flat finish.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Designed for use in any light industrial or architectural service where chemical attack is not a factor.</li> <li>• Specific recommendations include: atmospheric protection of plant equipment, drilling rigs, farm equipment, road building machinery, pipe racks, exposed structural steel, tank exteriors and steel buildings.</li> <li>• Good flexibility</li> <li>• Excellent weathering (chalks)</li> <li>• Good abrasion resistance</li> <li>• May be applied over most alkyd primers</li> <li>• Not recommended for immersion service, splash and spillage of acids, alkalies or solvents.</li> </ul>
<b>Color</b>	White and Light Grey
<b>Finish</b>	Flat
<b>Dry Film Thickness</b>	50 Microns
<b>Solid(s) Content</b>	By Volume 48% ± 2%
<b>Theoretical Coverage Rates</b>	9.6m <sup>2</sup> /litre at 50 microns NOTE: Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.
<b>Dry Temp. Resistance</b>	Continuous: 85°C (185°F) Non-Continuous: 110°C (230°F)  Coating may discolour
<b>Topcoats</b>	Normally topcoated with Carbocoat AD-51 Finish.

## SUBSTRATES & SURFACE PREPARATION

<b>General</b>	Remove any oil and grease from the surface to be coated.
<b>Steel</b>	Apply over clean and dry recommended primers and/or tie coats.

## MIXING & THINNING

<b>Mixing</b>	Mix to a uniform consistency before thinning.
<b>Thinning</b>	Thin up to 15% 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.

# Carbocoat GP-64 Undercoat

## PRODUCT DATA SHEET



### APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

**Spray Application** | Use sufficient air volume for correct operation of equipment. Hold gun 200 to 250mm from the surface and at a right angle to the surface.  
Use a 50% overlap with each pass of the gun. On irregular surfaces, coat edges first, making an extra pass later.

**Conventional Spray** | Use 10mm minimum I.D. material hose.  
**Gun:**905 Spray Gun  
**Fluid Tip:**1.8mm  
**Air Cap:**905-PV

**Airless Spray** | Use a 10mm minimum I.D. material hose.  
**Gun:**TRITECH T360 Spray Gun  
**Pump:**47:1  
  
\* Teflon packings are recommended and are available from the pump manufacturer. Use a .015" to .017" tip with 2000 psi (138 bar).

**Brush & Roller (General)** | Use medium bristle brush or short nap roller. Apply with full strokes. Avoid rebrushing.

### APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	5°C (41°F)	5°C (41°F)	5°C (41°F)	0%
Maximum	49°C (120°F)	60°C (140°F)	49°C (120°F)	95%
Optimum	21°C (70°F)	21°C (70°F)	25°C (77°F)	55%

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.	Final Cure	Between Coats
10°C (50°F)	96 Hours	24 Hours
16°C (61°F)	72 Hours	18 Hours
25°C (77°F)	48 Hours	12 Hours
32°C (90°F)	36 Hours	8 Hours

**Curing Details** | **Relative Humidity: 50%**  
Drying times at 50 microns D.F.T. and 50% relative humidity.

### CLEANUP & SAFETY

**Cleanup** | Use Thinner # 2

**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.

**Ventilation** | When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured.

## CLEANUP & SAFETY

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**Caution** | This product contains flammable solvents. Keep away from sparks and open flames.

## PACKAGING, HANDLING & STORAGE

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<b>Shelf Life</b>	24 Months minimum when stored at 25°C *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers
<b>Shipping Weight (Approximate)</b>	<b>5 Litre:</b> Carbocoat GP-64: 6kg Thinner # 85: 4.5kg
<b>Storage Temperature &amp; Humidity</b>	2 to 43°C 0 to 100% Store indoors
<b>Flash Point (Pensky Martens Closed Cup)</b>	Carbocoat GP-64: 25°C Thinner # 85: 35°C

## WARRANTY

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