

SELECTION & SPECIFICATION DATA

Generic Type	Modified medium oil alkyd undercoat.
Description	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.
Features	<ul style="list-style-type: none"> • Designed for use in any light industrial or architectural service where chemical attack is not a factor. • 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. • Good flexibility • Excellent weathering (chalks) • Good abrasion resistance • May be applied over most alkyd primers • Not recommended for immersion service, splash and spillage of acids, alkalies or solvents.
Color	White and Light Grey
Finish	Flat
Dry Film Thickness	50 Microns
Solid(s) Content	By Volume 48% ± 2%
Theoretical Coverage Rates	9.6m ² /litre at 50 microns NOTE: Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.
Dry Temp. Resistance	Continuous: 85°C (185°F) Non-Continuous: 110°C (230°F) Coating may discolour
Topcoats	Normally topcoated with Carbocoat AD-51 Finish.

SUBSTRATES & SURFACE PREPARATION

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

MIXING & THINNING

Mixing	Mix to a uniform consistency before thinning.
Thinning	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

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

PACKAGING, HANDLING & STORAGE

Shelf Life	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
Shipping Weight (Approximate)	5 Litre: Carbocoat GP-64: 6kg Thinner # 85: 4.5kg
Storage Temperature & Humidity	2 to 43°C 0 to 100% Store indoors
Flash Point (Pensky Martens Closed Cup)	Carbocoat GP-64: 25°C Thinner # 85: 35°C

WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.