

SELECTION & SPECIFICATION DATA

Generic Type	Quick drying, White Spirit based alkyd topcoat.
Description	Carbocoat 1343 Finish has good light- and weather resistance and is suitable for use both in- and outdoors.
Color	Several
Finish	High Gloss
Wet Film Thickness	80 - 150µm, Normally around 125 µm.
Dry Film Thickness	40 - 70 microns (1.57 - 2.76 mils) per coat
Solid(s) Content	By volume: Approx 48 ± 2% depending on colour.
Theoretical Coverage Rates	Approx. 10,0 m ² /l at 50 µm.
Dry Temp. Resistance	Continuous: 60°C (140°F) Non-Continuous: 110°C (230°F)
Limitations	Not recommended for immersion, direct exposure to acids, alkalies or solvents.
Topcoats	Normally not topcoated.

SUBSTRATES & SURFACE PREPARATION

General	Surface must be clean and dry upon paint application. Oil and fat contaminants must be removed with a suitable solvent like Carboline Thinner No. 10 or an alkaline cleaner like Carboline Surface Cleaner No. 3.
Steel	Apply over clean and dry recommended primer.

MIXING & THINNING

Mixing	Stir well before use. Power stirring is recommended.
Thinning	May be diluted up to 20% with Thinner no. 45 (White Spirit).
Density	0,95 – 1,20 kg/ltr. depending on color.

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.

Conventional Spray	Dilute the paint up to 20% to achieve desired spray viscosity.
Airless Spray	Tip Size: 0,011-0,017" Output PSI: 120-140 kg/cm ² (2000 – 2100 PSI)
Brush & Roller (General)	Medium bristle brush or medium nap roller is recommended.

Carbocoat 1343 Finish

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APPLICATION CONDITIONS

Condition	Material	Surface	Ambient	Humidity
Minimum	5°C (41°F)	5°C (41°F)	2°C (36°F)	0%
Maximum	45°C (113°F)	70°C (158°F)	50°C (122°F)	90%

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

CURING SCHEDULE

Surface Temp.	Dry to Touch	Dry to Recoat	Dry to Handle
5°C (41°F)	3 Hours	16 Hours	24 Hours
10°C (50°F)	2 Hours	12 Hours	16 Hours
20°C (68°F)	2 Hours	12 Hours	16 Hours
30°C (86°F)	1.5 Hours	8 Hours	12 Hours

* These times are based on 50 microns DFT. Higher film thickness, insufficient ventilation or cooler temperatures will require longer drying times and could result in solvent entrapment and premature failure.

CLEANUP & SAFETY

Cleanup | Thinner no. 45 (White Spirit).

Safety | Read and follow all caution statements on this product data sheet and on the MSDS 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 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.

Caution | This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

PACKAGING, HANDLING & STORAGE

Shelf Life | 24 months at 24C.

Storage Temperature & Humidity | 5 - 45°C
0 - 95% Rh.

Storage | Store indoors.

Packaging | Standard 20 litres.



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PRODUCT DATA SHEET

WARRANTY

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