

Product Information

Delfleet® Evolution

F3124

F3124 Delfleet Matt Binder

Products

Delfleet Colour	416, 417 or 419 Line
Delfleet Clear	F3902 or F3914
Delfleet Matt Binder	F3124
Delfleet MS & HS Hardener	F3255, F3265, F3258 or F3260 for 419 Line
Delfleet Thinners	F3335, F3325, F3315, F3370

Product Description

Delfleet Matt Binder F3124 is specially designed to reduce the gloss in Delfleet topcoats such as Delfleet 416; 417 or 419 lines, or Delfleet Clearcoats F3902 or F3914.

Delfleet is a high performance two-pack topcoat system specially designed for commercial and public service vehicles.

The Delfleet F3124 technology combines a uniform reduced gloss appearance with easy application on large surfaces.

The complementary Delfleet range of hardeners and thinners allows the spraying characteristics of Matt Delfleet to be varied to suit different application methods and conditions.

Delfleet Colour and Clears can be matted to various gloss levels by adjusting the Binder or combination of Binders.

Matt mixing ratio Guidelines

Matt Finish

F3124 Matt binder	60 vols
Tinter/Colour without Binder	40 vols

Semi-Gloss

F3124 Matt Binder	30 vols
F3160 or F3122 Binder	30 vols
Tinter/Colour without Binder	40 vols

Matt Clear F3902 or F3914

Clearcoat	1 vols
F3124 Matt Binder	1 vols

Satin Clear F3902 or F3914

Clearcoat	2 vols
F3124 Matt Binder	1 vols

Note: When mixing an existing colour, replace the F3160 or F3122 Binder in the original formula with the appropriate ratio to achieve the gloss level required as above. Keep Binder: Tinter ratio to 60:40

For 416; 417 and F3902, Activate and thin as follows:

Matt or Satin Clear/Colour	2 vols
MS Hardener	1 vols
Thinner	0.25-0.5 vols

For 419 and F3914, Activate and thin as follows:

Matt or Satin Clear/Colour	6 vols
HS Hardener	1 vols
Thinner	2 - 2.5 vols

Spraygun Setup



1.3–1.8 mm

1.0–1.1 mm

0.7–0.9
max11/50°

Spray Pressure

2–3 bar

2–3 bar

48–144 bar

Number of Coats

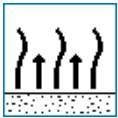


1 medium, 1 full

1 medium, 1 full

1 fast, 1 medium

Flash Off at 20°C

*Between coats*

10 minutes

10 minutes

10 minutes

Before stoving

Bake Immediately

Bake Immediately

Bake
Immediately

Application Guide

Conventional

Pressure

Airless

Drying Times

*Dust-free*

10–20 minutes

10–20 minutes

10–20 minutes

Through dry at 20°C

24 hours

24 hours

24 hours

*Through dry at 60°C*

40 minutes*

40 minutes*

40 minutes*

Through dry at 70°C

30 minutes*

30 minutes*

30 minutes*

*IR medium*

10–15 minutes

10–15 minutes

10–15 minutes

* Stoving times are for quoted metal temperature. Additional time should be allowed in the stoving schedule to allow metal to reach recommended temperature.

Technical Data

Total Dry Film Build

Minimum

45 µm

45 µm

45 µm

Maximum

60 µm

60 µm

70 µm

Theoretical Coverage*

8–9.5 m²/L8–9.5 m²/L9–10 m²/L

* Theoretical coverage in m² per litre ready-to-spray, giving 50 µm dry film thickness.

Sanding



Grade wet
Grade dry

P600 – 800
P320 – P400

P600 – P800
P320 – P400

P600 – P800
P320 – P400

Recoat Time



Minimum: 18 hours 20°C or 40 minutes at 60°C
7 days maximum without sanding.

Surfaces which have been polished must be cleaned, then sanded prior to recoating.

Performance Guidelines

1. It is important to note that for optimum appearance, the recommended viscosity at 20°C (Product temperature) should be followed. In some colours the amount of thinner used may need to be adjusted to reach the required viscosity.
2. Surfaces which have been polished must be de-greased then sanded prior to recoating.

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.



Health and Safety

- Please refer to Material Safety Data Sheets for full Health and Safety details.
- Goggles must be worn when mixing and using to prevent accidental splashing into the eye.
- If contact occurs with eyes give prolonged irrigation with water and get medical attention immediately.
- Good ventilation and extraction must be provided in the working environment.
- Wear suitable protective equipment to prevent skin contact with this material.
- Do not smoke whilst using this material.
- Do not breathe vapours or overspray.
- In cases of insufficient ventilation, wear appropriate respiratory equipment.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 20°C/68°F. Film thickness, humidity and shop temperature can all affect drying times.



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