

GENERAL INFORMATION

The 8-814 Fast Performance Clear is a VOC compliant fast-drying clear that can be dried in just 10 minutes when baked at 60°C. A one visit clear that can be used for both small and medium sized fast repairs. The product is user friendly and comes with dedicated fast and slow hardener, which are mixed at a simple 2 : 1 mixing ratio.

MIXING RATIO



2 : 1 Clear : Fast Performance Hardener
+ 0 - 5% Uni Thinner

GUN SET UP



| | NOZZLE (MM) | AIR PRESSURE (BAR / PSI) |
|----|-------------|--------------------------|
| HE | 1,2 - 1,3 | 2,0 - 2,5 / 29 - 36 |

APPLICATION



1,5 - 2 coats 40 - 60 µm (1,6 - 2,4 mil)

1,5 coats: No flash off between coats.
2 coats: 5 - 10 min flash off between coats.

FLASH OFF AND DRY TIMES



| | HARDENER | FLASH OFF BEFORE BAKE | DUST FREE | DRY TO HANDLE | DRY TO POLISH |
|-------------------------|----------|-----------------------|------------|---------------|------------------------------|
| Air Dry 20°C (68°F) | 8-810 | - | 20 minutes | 60 minutes | 90 minutes |
| Air Dry 20°C (68°F) | 8-811 | - | 60 minutes | 3 - 4 hours | Overnight drying recommended |
| Low bake 40°C (104°F) | 8-810 | 0 - 5 minutes | - | 25 minutes | After cooling down |
| Low bake 40°C (104°F) | 8-811 | 5 - 10 minutes | - | 40 minutes | After cooling down |
| Forced Dry 60°C (140°F) | 8-810 | 0 - 5 minutes | - | 10 minutes | After cooling down |
| Forced Dry 60°C (140°F) | 8-811 | 5 - 10 minutes | - | 15 minutes | After cooling down |

SUBSTRATES



MM 500 - 5999 BeroBase 500 Series
MM 900 - 9999 WaterBase 900+ Series

POT LIFE AT 20°C / 68°F



30 - 40 minutes when mixed with 8-810 Fast Performance Hardener Fast

60 - 65 minutes when mixed with 8-811 Fast Performance Hardener Slow

INFRARED DRYING



| AFTER FULL FLASH OFF AND AT PROPER DISTANCE | |
|---|-------------|
| Half-bake | 4 min 50°C |
| Full-bake | 10 min 65°C |
| See IR Manufacturer information | |

COMPONENTS



8-810 Fast Performance Hardener Fast
8-811 Fast Performance Hardener Slow
1-141 Uni Thinner Fast
1-151 Uni Thinner Medium
1-161 Uni Thinner Slow
1-231 Fade-Out Thinner

Use 1-231 Fade-Out Thinner for blending or fade-out areas.

ADDITIVES



47-39 2K Elastic
1-060 2K Structure Coat Fine
1-065 2K Structure Coat Coarse

SURFACE PREPARATION



Base coat should be fully dry.



NEXT LAYER



PHYSICAL DATA

| EU REGULATIONS 8-814 Fast Performance Clear | | |
|--|--|-------------------------------------|
| VOC Code | 2004/42/IIIB(d)(420)398 | |
| Product sub category (according directive 2004/42/EC) and max VOC content (ISO 11890-1/2) of the ready to use product. | IIB/d. Topcoat - All types. EU limit values: 420 g/l (2007). This product contains a maximum of 398 g/l VOC. | |
| Chemical Base | Solventborne 2K Polyurethane | |
| Physical Properties | Viscosity (RTS) | 15 -17 Dincup 4 / 20°C |
| | Specific Gravity (kg/l) | 0,996 |
| | Flash Point Closed Cup | 34°C / 93,2°F |
| | Volume % Solids | 48 |
| | Economy | 9,6 m²/L/50 µm 390 ft²/Gal/2 mil |
| | Gloss | High Gloss |
| | Colour | - |



DEBEER
REFINISH

8-814
Fast Performance Clear

PROTECTION

Use suitable respiratory protection (*fresh air supply respirator is strongly recommended*).



For more detailed information please visit the following link for the Safety Data Sheet:

[SDS DeBeer](#)

CLEAN UP



1-051 Gun Cleaner

STORAGE/SHELF LIFE

The up-to-date shelf life overview can be found by clicking on the following link: [Shelf life overview DeBeer](#)



NOTES

All reported product properties on the TDS are determined at a temperature of 20°C / 68°F unless specified otherwise.