

TECHNICAL DATA

EF75064

Description

EF75064 is a grey, high solids, 2.8 VOC, epoxy primer. It is designed to fill blast profiles in a single coat. No induction time is required.

Mixed Coating Properties

Mix Ratio	4 Parts base to 1 Part epoxy activator
VOC	
EF75060P2	2.97 lbs / gal or 357 grams / litre
EF75061P2	2.78 lbs / gal or 333 grams / litre
Volume Solids	
EF75060P2	57.80%
EF75061P2	60.80%
Sag	
Airless	12 - 15 mils
Air Assist Airless	12 - 15 mils
Air Spray	12 - 15 mils
HVLP	12 - 15 mils
Viscosity @ 70°F (21°C)	25 - 30 Seconds Zahn#2 / 300 cps
Pot Life @ 77°F (25°C)	
EF75060P2	5.00 hours
EF75061P2	4.00 hours
Salt Spray (B1000)	1500 hours @ 4 mils DFT
Theoretical Coverage	
EF75060P2	927 ft ² / gal (22.7 m ² / litre) @ 1 mil DFT
EF75061P2	975 ft ² / gal (23.9 m ² / litre) @ 1 mil DFT

DFT = Dry Film Thickness

Product Weight - Container weight not included

EF75064P1 base	13.95 lbs / gallon or 1.672 kg / litre
EF75060P2 standard cure	7.57 lbs / gallon or 0.908 kg / litre
EF75061P2 fast cure	7.76 lbs / gallon or 0.930 kg / litre

Shelf Life

Shelf Life is applicable only for material stored in unopened and undamaged original factory filled containers at 4° to 38°C (39° to 100°F).

EF75064P1	1 year	EF75060P2	2 years
		EF75061P2	2 years

Subject to reinspection. Store unused material in tightly closed containers. Contents of partially filled containers may show surface skinning after storage. If skinning forms, remove by straining before use.

BENEFITS

- excellent edge coverage
- corrosion resistance
- excellent adhesion
- excellent sprayability
- humidity resistance

USES

- power transmission & distribution equipment
- containment tanks
- OEM - chemical tankers & trailers
- OEM - oil patch applications
- OEM - fleet applications

TECHNICAL DATA

EF75064

Surface Preparation

SSPC – SP6 Commercial Blast minimum recommended or a minimum of 3-stage to 7-stage phosphate cleaning system.

Mixing Instructions

- 1) Pre-Mix EF75064P1 Base for 2 minutes with an air-operated Jiffy Mixer®, or equivalent, to produce a uniform consistency within its container
- 2) Properly ratio material at 4:1 (by volume):

4 Parts EF75064P1 Base to
1 Part EF75060P2 Standard Cure Epoxy Part 2 or
1 Part EF75061P2 Fast Cure Epoxy Part 2
- 3) Mix material for 3 minutes with an air-operated Jiffy Mixer®, or equivalent, to a uniform consistency before use
- 4) No induction time required
- 5) No Thinning required
- 6) Filter through 100 mesh in line filter

Application Instructions

Application Temperature

Minimum	55°F (10°C)
Maximum	100°F (38°C)

Equipment Settings

- Air Spray:**
- | | |
|----------------|-------------|
| pot pressure: | 10 – 20 psi |
| atomizing air: | 45 – 65 psi |
| nozzle set: | 1.4 – 1.8 |
- Airless Spray:**
- | | |
|-----------------|-----------------|
| fluid pressure: | 2000 - 2500 psi |
| tip size: | .013 - .019 |
- Air Assist Airless:**
- | | |
|-----------------|----------------|
| fluid pressure: | 700 - 1500 psi |
| atomizing air: | 20 – 60 psi |
| tip size: | .013 - .019 |
- Precision plural component equipment is recommended. All spray equipment including lines and filters must be kept clean at all times to avoid nozzle plugging. When hand mixing follow /Mixing Instructions' procedures.
 - Apply in wet coats making even parallel passes. Overlap each pass 50% to minimize holidays, bare areas and pinholes.
 - Excess wet film will cause sags and runs.

Recommended dry film thickness is 3 mils above profile.

If thinners are required: *Please contact your Guertin Representative for recommendations.*

Note: Successful application requires following the recommended temperature, humidity conditions and film thickness ranges.

Recoat Window for best D.O.I

Substrate Temp	70°F (21°C)
Over Itself	up to 3 days
With Urethane Topcoat	4 hours up to 24 hours
With Super-Shield® Topcoat	1 hour to 4 hours

Flash times:

Allow a minimum of 4.0 hours flash off time before applying a two-component urethane topcoat. Higher film builds (>4mils) and/or cooler temperatures will require longer flash times.

The epoxy primer can be recoated with itself up to 3 days. After 3 days the epoxy primer must be scuff sanded.

It can be topcoated with 2K urethane and Super-Shield® topcoats up to 24 hours. After 24 hours the epoxy primer must be scuff sanded.

It is recommended to apply at ambient air and surface temperatures between 55° - 100°F (10° - 38°C). Apply at a relative humidity level below 80%.

Surface temperature must be at least 5°F (3°C) above the dew point to ensure that moisture condensation does not occur during application and the drying period.

Higher/lower temperatures & humidity, film thickness, improper activator range and poor air movement will affect the dry time and recoat window.

Equipment Cleanup

Clean application equipment with Guertin's SP02859T0 or SP05127T0.

Safety Precautions

FOR INDUSTRIAL USE ONLY. To be used by professionally trained personnel using proper safety equipment. Use only with adequate ventilation. Warning: this product is flammable, keep away from heat, sparks and open flame. Please refer to material safety data sheets.

Warranty

Guertin Coatings warrants its product to be free from defects in materials and workmanship and will REPLACE ANY PRODUCT PROVED TO BE DEFECTIVE, OR REFUND OF THE ORIGINAL PURCHASE PRICE OF THE QUANTITY PROVED TO BE DEFECTIVE. Requests for refund or replacement of product must be made in writing within one year from the original date of purchase. This Warranty does not apply to defects due, directly or indirectly, to misuse, abuse, negligent application, or acts of God.

GUERTIN COATINGS WILL NOT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCT, INCLUDING DOWNTIME OR LOSS OF USE OF PRODUCT.

All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. Our products are sold on the condition that the user himself will evaluate them, as well as our recommendations, to determine their suitability for his own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.