

1.0 Scope

1.1 This procedure defines the methods for cleaning and coating Amarillo Fan Drives using a high build, surface tolerant, self priming epoxy.

2.0 Surface Preparation

2.1 Mask all surfaces that are to remain unpainted. These include input and output shafts, oil sight glass, mounting feet, vents, and other optional accessories.

2.2 Sandblast all exterior surfaces that are covered with rust preventative primer that was applied at the foundry. A commercial grade blast is acceptable.

2.3 Clean all un-blasted surfaces to be painted thoroughly with brush and cleaner to remove oil, grease, or other foreign material that may prevent proper adhesion of the paint.

3.0 Application

3.1 Mix parts A and B separately. Mix together in equal proportions and thin up to 10%, by volume, with thinner.

3.2 Spray one coat on all exposed surfaces to achieve a minimum dry film thickness of 6 mils. A wet film thickness of 8 mils (no thinner) or 9 mils (10% thinner) is required to achieve the recommended dry film thickness.

3.3 Paint should be dry to touch in about 2.5 hours.

4.0 Product Selection

4.1 Paint: Carboline 890 (black or color as specified on the drive card)

4.2 Thinner: Carboline Thinner #2

4.3 Clean up: Carboline Thinner #2

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CLEANING AND COATING PROCEDURE
COOLING TOWER FAN DRIVES

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