

How to force rust iron grates:

- 1. Lay out grates so that they do not touch.**
- 2. Wet grates down well with hose or water from a hand held spray tank.**
- 3. Cover grates with plastic sheeting.**
- 4. Support sheeting so it forms a tent a few inches above the grates. If sheeting comes in contact with grates they will rust unevenly. (note that in humid climates covering is usually unnecessary. Iron will spontaneously rust in humidities over 60%)**
- 5. Check daily for desired doneness. Grates are usually well coated with rust in about 3 days.**

How to darken rusty grates instantly: BLACK-MAX

1. Grates should be well coated with rust. Rust need not be well adhered.
(Fig. 1 left side)



Fig. 1



Fig. 2

2. Materials: Black-Max (fig.2) Rhomar Industries 800-688-6221,
Inexpensive brush. Disposable plastic container

3. Be sure to mask off areas around grates. BLACK -MAX WILL TURN CONCRETE AND MASONRY BLACK!

3. Pour Some Black-Max into container and use this to apply to grates. Do not return unused portions to original container as this may contaminate and ruin product. Do not use product that is more than 12 months old.

4. Paint on a thin coat of the mixture directly onto the rusty surface. Surface will start to turn dark immediately. Converter will appear milky white until dry but dries clear.

5. After drying grate surface will appear as in Fig.1 right.

Tips:

A little converter goes a long way so don't load up the brush or globs may form in the slot corners of the grate,

Don't pour any left over mixed product back in the Black-Max bottle;

Contaminants will deactivate the product.

Practice on the underside of some grates until you get a feel for the process.

More product will not make the rust darker.

Best applied in cooler temperatures and out of direct sun. Hot grates may cause a mottled appearance.

BLACK-MAX™

Cathodic Rust Arrestor

A RHOMAR Product Application Tip Sheet

BENEFICIAL APPLICATION TIPS

DO NOT SANDBLAST OR GRIND RUST AWAY BECAUSE BLACK-MAX™ MUST BE APPLIED TO A RUSTY SURFACE!

1. Preparation:

- A. Remove any loose, flaky rust with a wire brush.
- B. Make sure the surface is completely dry.
- C. **BLACK-MAX™** is a ready to use product, **DO NOT DILUTE!**
- D. Stir or shake the **BLACK-MAX™** container to assure product is blended well.
- E. **Always follow label instructions.** Use rubber gloves and safety goggles.

2. Application:

- A. Apply the **BLACK-MAX™** with a paintbrush or roller.
- B. Let **BLACK-MAX™** dry for approximately three (3) to four (4) hours.
- C. Always wait at least twenty-four (24) hours before painting over **BLACK-MAX™**. To completely eliminate rust bleed-through always apply **BLACK-MAX™** to a rusty surface before you paint!
- D. Clean-up of **BLACK-MAX™** is simple, just use warm soap and water.

3. Coverage:

- A. The coverage is approximately 100 to 200 sq. ft. per gallon.

4. Areas of Application:

- A. Anywhere you have rust!

Any Questions?
Call our customer service department!

1-800-688-6221



RHOMAR

2107 E. Rockhurst, Springfield, MO 65802
1.800.688.6221 ph417.866.5592 fx417.866.5593 email: solutions@rhomar.com