



TECHNICAL BULLETIN BOILER COAT® *Series 711*

BOILER COAT® HEAT RESISTANT SILICONE COATING 1000° F. HEAT RESISTANT 711 SERIES BLACK

DESCRIPTION:

Boiler Coat® Heat Resistant Silicone (711 Series) is a heat resistant ready mixed coating available for use on exterior or interior surfaces.

FEATURES:

1. A silicone resin vehicle based coating specifically developed to meet today's demand
A superior, black, heat resistant coating.
2. Will withstand temperatures from 800°F to 1000°F (260°C to 538°C)
3. Boiler Coat® 711 Series Black leaves a matte finish.
4. Theoretical Coverage – 356 sq. ft. / gal. @ 2 mils dry.
5. Dry to touch 2 hours. Tack free 6 hours. Recoat after 18 hours.

APPLICATION:

1. SURFACE PREPARATION - Clean surface thoroughly to remove dirt, oil, grease, and other foreign matter. Previous coatings in unsound condition should be removed.
2. RUSTED SURFACES - Remove all loose rust and scale. Spot prime these surfaces with Boiler Coat ® 711Series. Allow to dry 24 hours, then coat the entire surface with 711 Series Black.
3. GENERAL - Stir Boiler Coat® 711 Series Black thoroughly and apply directly out of the can by brush, roller, or spray. If necessary to thin, use Xylene for spraying and for brushing.

USES:

Boiler Coat® 711 Series Black is ideal for coating grills, hoods, fireplaces, furnaces, boiler heaters, stoves, exhaust stacks on diesel trucks, plus many other areas where a 1000 degree F heat resistant black finish is desirable. Not for immersion, non-ferrous or aggressive chemical environments.

PHYSICAL AND CHEMICAL PROPERTIES:

1. Viscosity – 75-85 KU
2. Weight per gallon - 8.5 lbs.
3. Flexibility - 180 degrees on ¼"mandrel - Passes
4. Adhesion (to properly prepared steel) - Excellent
5. Durability - Outstanding
6. Salt Spray Resistance (for exterior systems)- 200 hrs. Min.
7. Atlas Weatherometer - Passes 800 hrs.
8. Abrasion Resistance (after curing) - Good
9. Solid Weights - 43%

SAFETY INFORMATION:

COMBUSTIBLE! HARMFUL OR FATAL IF SWALLOWED. CONTAINS MINERAL SPIRITS.
Keep away from heat, sparks and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin or eyes. **FIRST AID:** If swallowed, do not induce vomiting. Call physician immediately. In case of eye contact, immediately flush thoroughly with water and call a physician. For skin contact, wash thoroughly. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberate concentrating and inhaling the contents may be harmful or fatal.

HMIS VALUE: H = 2 F = 2 R = 0 PP = F

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