

Royston

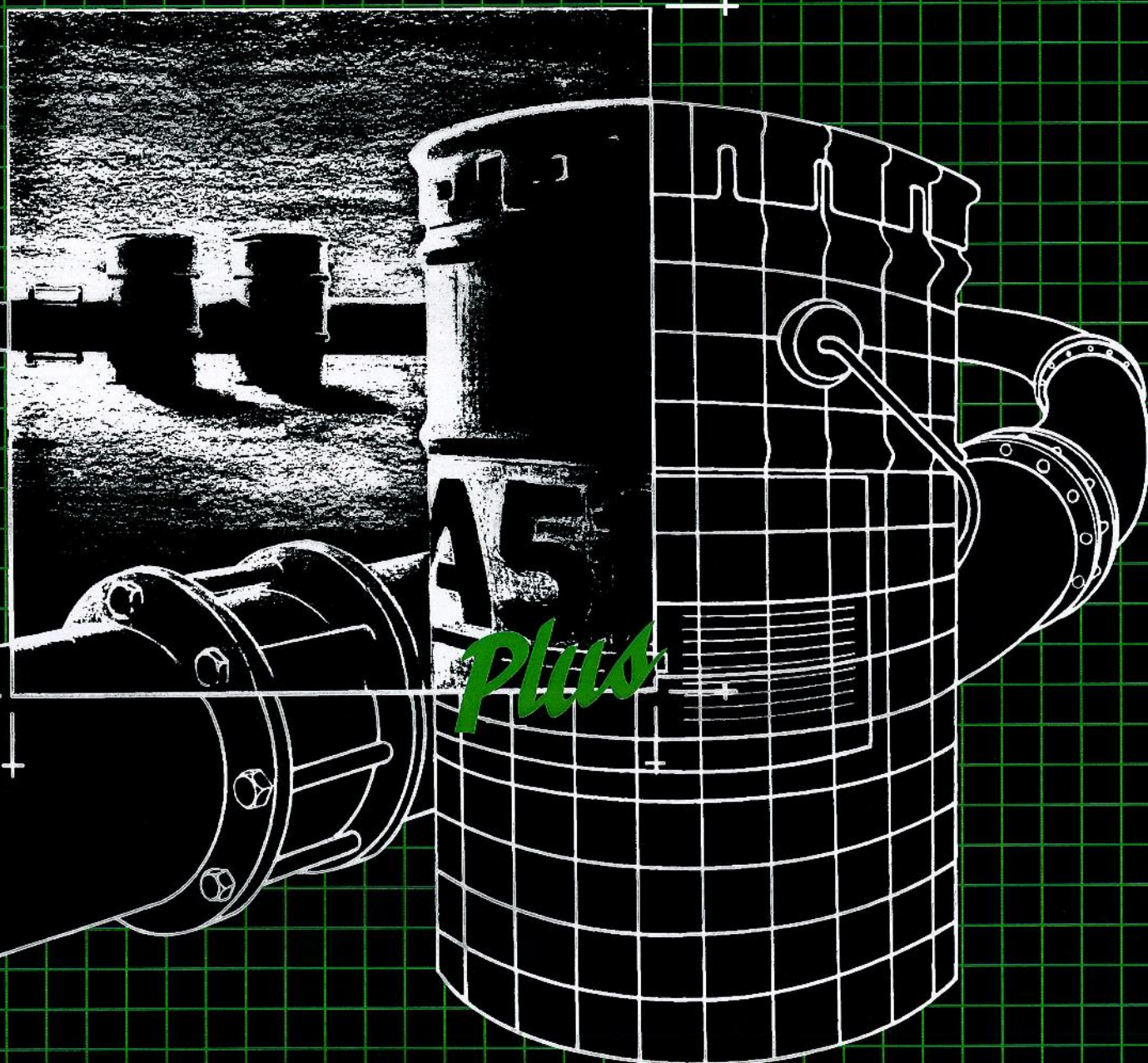
ROSKOTE MASTIC

Data Sheet No. 135-C

A51

Plus

Unsurpassed In The Field



- Totally Resistant To Aliphatic Hydrocarbons
- Easiest to Apply (even in severe weather)
- Multi-Application Versatility For Any Oil/Gas Line Surface
- Finest Engineered Thixotropic Viscosity

TRY IT — YOU'LL SEE THE DIFFERENCE

ROYSTON ROSKOTE A-51 PLUS

should be used as a general purpose coating for above-ground or underground corrosion protection of all fabricated steel products, such as pipes, tanks, conduits, cylinder casings and structural steel.

It is particularly useful for corrosion protection of bolted couplings, valves, fittings and other objects of irregular shape. It is frequently used with *ROYSTON GLAS-WRAP* as a reinforcement for coating field joints of mill coated pipe or elevator hydraulic cylinder casings.

Because of its resistance to gasoline and oil, it should also be used at service stations, terminals, bulk stations, producing fields and similar locations. It is used above ground for resistance to corrosive fumes and severe atmospheric conditions.

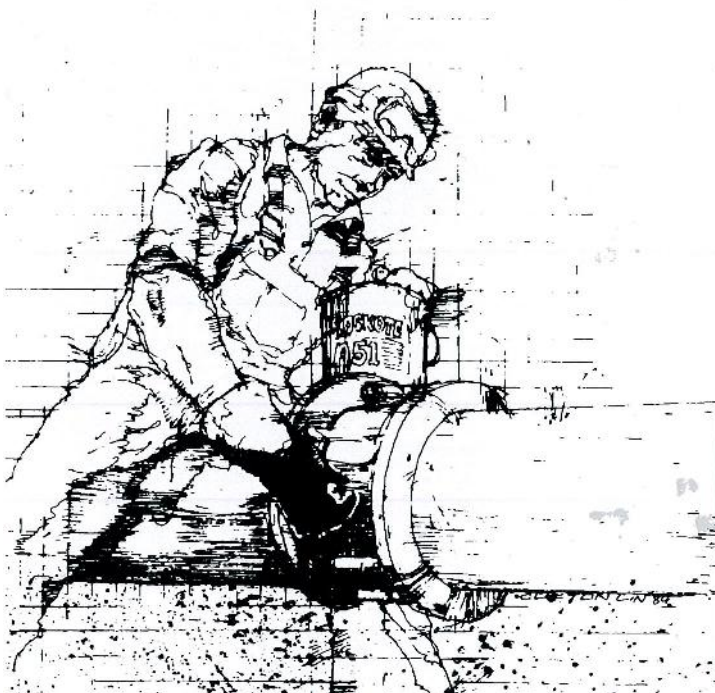
FEATURES:

- A. High electrical resistivity designed to protect underground steel pipes, tanks and other structures against corrosion particularly in soils saturated with oil and gasoline.
- B. Excellent above ground coating for protection against severely corrosive atmospheric fumes and against moisture and salt in coastal areas.
- C. Bonds firmly to steel surfaces without the use of primer.
- D. Forms a tough coating which becomes resistant to oxidizing, crazing, alligatoring, cracking, checking, loosening or scaling.
- E. Endures over a long period of time because of its resistance to soil stress and to attack by alkalis, acids, salts, moistures, gasoline and oil.

SURFACE PREPARATION:

Surfaces should be dry and cleaned of all rust, scale, soil, mud, oil, grease and other contaminants in the field by wire brushing. Sand blasting or chemical treatment may be more convenient for in-plant surface preparation.

No primer is required.



TYPICAL PROPERTIES:

Composition:	Heavy mastic with synthetic elastomeric additives in a mixed solvent system.
Color:	Black
Weight per Gallon:	9.22 lbs.
Specific Gravity:	1.11
Percent Solids:	By Volume - 51 Percent By Weight - 62 Percent
Volume Resistivity:	-40°F. to 150°F. ambient and to 300°F. transient.
Flash Point:	40°F. Seta-Flash Closed Cup. ASTM D327 8-73
Shelf Life:	At Least One Year

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APPLICATION PROCEDURE

ROYSTON ROSKOTE A-51 PLUS should be stirred thoroughly before using. Thinning is not required except for cold spray at temperatures below 60°F. The heavy mastic is specially formulated to obtain a thick protective coating. If excess thickening occurs because of solvent losses from opened containers, restore to original viscosity with *Royston Thinner No. 10* or a mixture of equal parts of toluene and MEK.

Apply cold by brush, glove or booster-pump spray. Apply to cover 65 to 70 square feet per gallon, which will provide a dry film thickness of about 12 mils per coat. When the first coat has dried to the touch, which will usually require less than an hour, apply a second coat of the same thickness.

BRUSH AND GLOVE APPLICATION

Apply liberally with a generous amount at all times. It should be never be applied thin. However, a wet film thickness of .040 inches is maximum per coat to reduce the possibility of mud cracking.

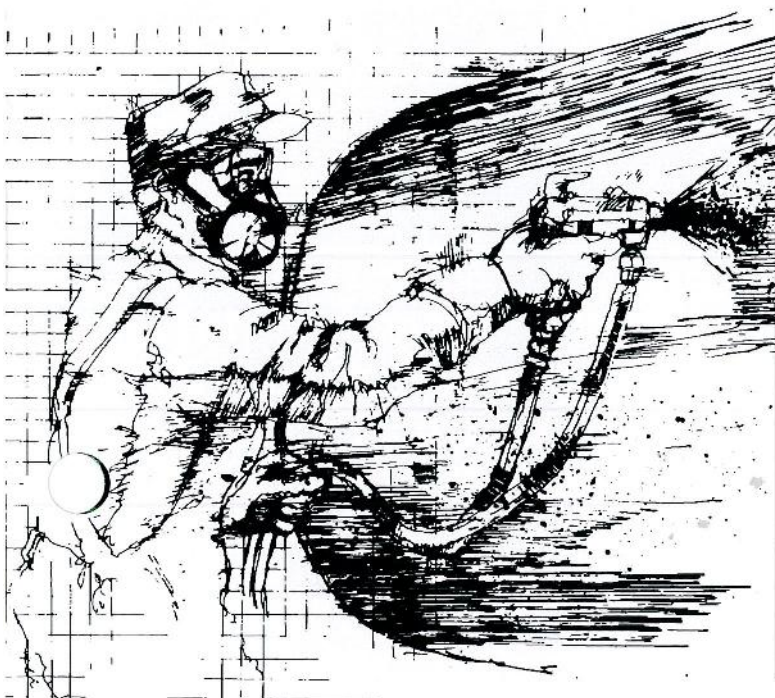
SPRAY APPLICATION

Booster type spray equipment is required because of **ROYSTON ROSKOTE A-51 PLUS**'s heavy consistency. It may be sprayed with minimal thinning at temperatures above 60°F. It is usually necessary to thin with one quart of thinner to each five gallons of **ROYSTON ROSKOTE A-51 PLUS** in temperatures below 60°F. Use high boiling (250°F) mineral spirits for spray thinning,

Either air type or airless spray equipment commercially available from several manufacturers may be used. The following equipment procedures have provided satisfactory results, but alternates may be equally successful.

AIRLESS SPRAY

Good spray results can be obtained with an airless high volume 10:1 pump with air cap assisted atomization, e.g., Binks Model 98-792 outfit or equal.



AIRLESS SPRAY WITH AIR CAP BOOST

Pump Ratio	10:1
Delivery	5 GPM or better
Air Consumption (typical)	4 CFM/gal
Tip Minimum Opening (Consult your spray equipment dealer for best recommendations.)	Binks # 47x3/8 or equal
Thinning	Use high boiling (250°F) mineral spirits up to 3-1 ratio — thinner can be adjusted for best results with specific equipment.

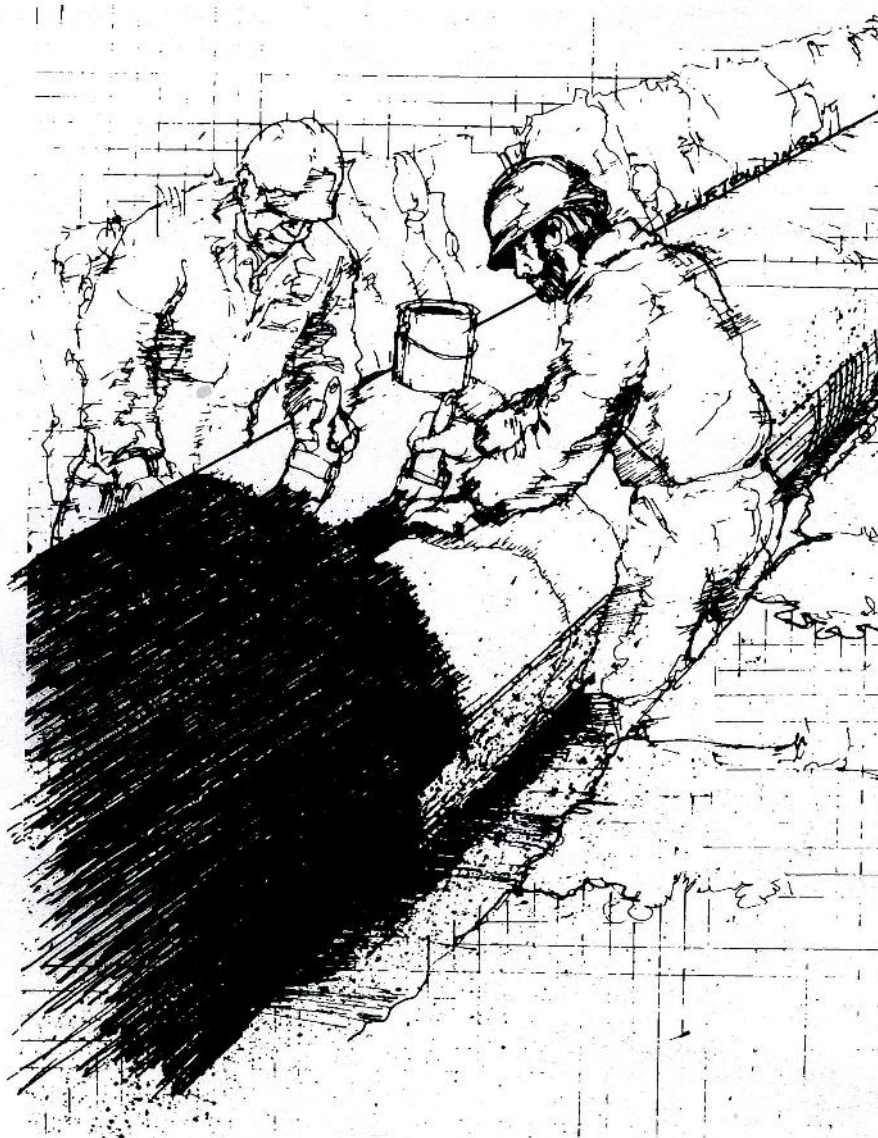
USING WITH REINFORCING WRAP:

Apply one coat of *ROYSTON ROSKOTE A-51 PLUS* and allow to dry to the touch. This amount of drying is necessary before proceeding further to prevent the wrap from pulling through the coating to the metal surface. From this point there are two alternate procedures in common use:

- A. Apply *ROYSTON GLAS-WRAP* and then put on a second coat of *ROYSTON ROSKOTE A-51 PLUS*.
- B. Apply the second coat of *ROYSTON ROSKOTE A-51 PLUS* and then wrap while the *ROYSTON ROSKOTE A-51 PLUS* is still wet. Wrap tightly to embed the mesh in the coating.

AVAILABILITY:

ROYSTON ROSKOTE A-51 PLUS is available from inventory in 1-Gallon Cans, 5-Gallon pails and 55-Gallons drums. One-Gallon cans are packaged 4 per carton.



DISTRIBUTED BY:
PROTECTION
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