

SOOT STICKS / SOOT REMOVER

1. DESCRIPTION

Active blend of mineral based salts, containing slag modifiers and carbon oxidation catalyst. Each stick contains approximately 0.5 kg. of **SOOT REMOVER**.

2. APPLICATIONS

To remove unburned carbon slag deposits from:

- Boiler furnaces, superheaters, economizers, air heaters and exhaust path / stacks.

3. DIRECTIONS FOR USE

Determine the quantity of **SOOT STICKS / SOOT REMOVER** required by quantity of fuel consumed per boiler per day. See **PRODUCT DOSE**.

Introduce the appropriate amount of **SOOT STICKS / SOOT REMOVER** into the hottest part of the boiler furnace by adopting any of the following methods:

- Open a boiler peephole or furnace door and throw in the required number of sticks.
- Remove the burner and shoot the required number of sticks through the body of the burner housing into the furnace and replace the burner.
- If the boiler is equipped with dosing injector simply pour the contents of the stick into the injectors and direct the nozzle towards the hottest area of the flame.

4. INITIAL DOSAGE

For oil-fired boilers, the daily dosage depends on the fuel oil consumption per boiler, per day.

Consult your local **UNI AMERICAS** Service Engineer for recommendations of the dosage rate based on specific problems and requirements onboard.

Note: for best results apply **SOOT STICKS / SOOT REMOVER** daily, immediately after soot blowing.

5. OTHER INFORMATION

- Reduces soot and slag deposits by transforming them into dry, powdery ashes, which are easily removed.
- Reduces cold end corrosion by neutralizing sulphuric acid deposits on surfaces where the temperature is lower than the dew point of the exhaust gas.
- Improves heat transfer and aids soot blowing due to reduction in deposits.
- Increases boiler efficiency.
- Reduces cleaning costs by decreasing maintenance and frequency of cleaning.
- No need to shut down boiler or plant when dosing.

IMPROVES THE CONDITION OF COMBUSTION GAS PASSES IN BOILERS BURNING HEAVY FUEL OIL OR COAL

Product Highlights

- Reduces soot and slag deposits.
- Reduces cold end corrosion.
- Improves heat transfer and aids soot blowing.
- Increases boiler efficiency.
- Reduces cleaning costs.
- No need to shut down boiler or plant when dosing.
- Available in easy-to-use stick form.

This information is not to be taken as a warranty or representation for which we assume any legal responsibility. The information is offered solely for your consideration, investigation and verification

clean chemicals clean ships clean seas



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