



## SOOT REMOVER POWDER

Dry powder compound, with an active blend of mineral-based salts, containing slag modifiers and carbon oxidation catalyst. This product is best suitable for safe removal of soot deposits in boiler and diesel engine exhaust systems.

## FEATURES & BENEFITS

- Neutralises acids in the flue gas
- Reduces soot fire from occurring
- Reduces soot and slag deposits by transforming them into dry, powdery ashes that are easily removed
- Reduces cold end corrosion by neutralising sulphuric acid deposits on surfaces where the temperature is lower than the dew point of the exhaust gas
- Improves the condition of combustion gas passes in boilers burning heavy fuel oil
- Improves heat transfer
- 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

### APPLICATIONS

To remove unburned carbon slag deposits from boiler furnaces, superheaters, economizers, air heaters and exhaust path/stacks.

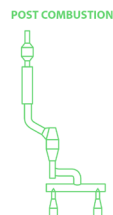
### DIRECTIONS FOR USE

#### BOILER:

- Determine the quantity of SOOT REMOVER POWDER required by quantity of fuel consumed per boiler per day.
- To do this please see the below dosage chart.
- Introduce the appropriate amount of SOOT REMOVER POWDER into the boiler, using either a portable soot blowing injector or fixed soot blowing injector.
- Ensure that the product is spread evenly throughout the flame path, towards the back of the combustion chamber.

#### MAIN ENGINE:

- Inject SOOT REMOVER POWDER directly into the exhaust system upstream of the area to be treated.
- We recommend using a VECOM MARINE soot dosing system for this purpose. But if there is already a soot injector system installed, this will also work.



For product characteristics and for the nature of special risks and safety advice consult our MSDS.  
[www.vecom-marine.com](http://www.vecom-marine.com) - [sales@vecom-marine.com](mailto:sales@vecom-marine.com)



## PRODUCT DOSAGE

### BOILER:

Steam raised ton/hour	Fuel use ton/day	Dosage rate kg/day
3	6	1.0
6	12	2.0
9	18	3.0
12	22	3.5
15	28	4.0
23	42	4.5
31	55	5.0
46	85	5.5
62	120	6.5

### MAIN ENGINE:

Fuel consumption ton/day	Dosage rate kg/day
10	1.25
20	2.75
30	3.25
40	3.75
50	4.25

Note: For best results apply SOOT REMOVER POWDER daily.

## STANDARD PACKING

SOOT REMOVER POWDER is usually available in plastic buckets of 20 kg.

For product characteristics and for the nature of special risks and safety advice consult our MSDS.  
[www.vecom-marine.com](http://www.vecom-marine.com) - [sales@vecom-marine.com](mailto:sales@vecom-marine.com)