



# STEELCOAT



QMS Certified Firm

## Bitumen-Based Cold-Applied Coating, For Protecting Iron and Steel.

### Description:

**STEELCOAT** is a solvent-born bituminous compound of brushable consistency. Dries to a tough, black coating, which does not flow under summer heat.

### Uses:

- ❑ STEELCOAT is used to provide a protective layer over steel pipes and fittings against corrosion, especially the steel pipelines used for the transmission of oil, water and gas.
- ❑ It is used in combination with LAMA PRIMER which is applied as a thin film to the metal in order to ensure maximum adhesion of the subsequent protective STEELCOAT.

### Surface Preparation:

- ❑ Ensure that the surface is clean, dry, and free from all dirt, oil and grease.
- ❑ Prime the metal surface with LAMA PRIMER to ensure a strong bond between the metal surface and the steel coat layer.

### Standard:

STEELCOAT complies with the requirements of ASTM D 2823 Type II and BS 3416.

### Application:

- ❑ Use a rather stiff brush for application. A wiper may be used when the surface is smooth and level.
- ❑ Apply each coat at right angle to previous coat at a rate of 6 m<sup>2</sup>/Gal. (0.55 Lt/ m<sup>2</sup>) for reasonably smooth surface.
- ❑ Allow each coat to dry through before the application of a further coat.
- ❑ Where necessary reinforce with suitable fabric or glass fiber materials.

### Technical Specifications

Property	Result
Asphalt S. P, °C	85-95.
Type of Solvent	Aliphatic, with some aromatic, Petroleum Hydro-carbon.
Approximate flash point, °C	70
Approximate specific gravity	0.9
Water, (max) %	1
Nonvolatile Matter, (min) %	45
Asbestos and other mineral stabilizers, (max) %	10
Asphalt, (min) %	45
Chemical and Water Resistance	Resistant to water, alcohol, most salt solutions, and some dilute acids and alkalis. Not resistant to oils, solvents, some detergent solutions.
Behavior at, 60 °C	The cured film does not sag or flow greater than 6mm
Pliability at, 0 °C	No Cracking or separation of the coating from the metal.

### Containers:

STEELCOAT can be supplied in 5 gallon drum and 200 liter drum.

### Storage:

Containers must be kept sealed and stored under cover away from sources of heat and ignition.

### Cleaning:

Clean the tools with kerosene or white spirit.

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### **Drying Time:**

It dries within 24 hour under average drying conditions.

### **Application Temperature:**

It can be applied Normally at 2°C to 40°C.

### **Health & Safety:**

- ❑ Flammable: keep away from sources of heat and ignition.
- ❑ Avoid long contact with skin and protect eyes from splashes.

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- This Technical Data are the average results of tests, measurements and trials carried out by LAMA's own laboratory and RSS laboratories according to international standards such as ASTM, B.S and UEAtc.
- This product data sheet supersedes all previous data publications pertaining to this product.
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