

# Duromastic SB-4 Bitumen Paint

## Bituminous Protective Coating & Primer

### DESCRIPTION

Duromastic SB-4 bitumen paint is low viscosity blend of selected hard grade bitumen in solvent which dries to form a high quality tough bitumen film.

### PRODUCT FEATURES

- Easy and inexpensive to apply.
- Does not taint water.
- Quick drying.
- Excellent adhesion to common building substrates.
- High coverage rates.
- Tough bitumen film formed.

### USES

- As vapour barriers, damp proof courses, linings to potable water tanks and pipes to provide a continuous barrier to the passage of water and water vapour.
- Corrosion protection to metal surfaces such as "I" beam for piling, steel piles and drinking water tanks etc.
- Concrete protection.
- As a primer to concrete roofs, cement screeds/renders, bitumen felt, mastic asphalt prior to application of other bituminous coatings.
- To rejuvenate bituminous felts or asphalt surfaces which have been oxidized.

### STANDARD COMPLIANCE

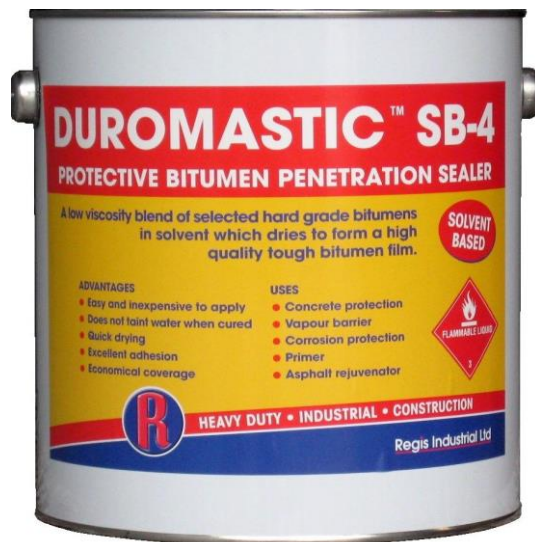
BS3416 Type 1 Class C British Standard For Bitumen-Based Coating for Cold Application, suitable for use in contact with potable water.  
BS6949 Type 1 Class C British Standard For Bitumen-Based Coating for Cold Application excluding use in contact with potable water.

### SPECIFICATION CLAUSE

Bituminous or concrete surfaces areas so designated shall be coated with Duromastic SB-4 bitumen paint as supplied by Regis Industrial Ltd. The coating should be applied in a minimum of 2 coats at a coverage rate not less than 8 m<sup>2</sup>/litre per coat in accordance with the Regis Industrial's current product data sheet.

### PACKAGING

Duromastic SB-4 is available in 4 litre, 20 litre and 200 litre steel containers.



### APPLICATION INSTRUCTIONS

#### Surface Preparation

All surfaces shall be clean and free from dust, dirt, oil, grease, moss and loose material.

#### Coating Application

Apply a minimum of two thin coats by brush, roller or conventional spray equipment. Allow first coat to dry before applying second coat at right angles to the first coat.

When used as the primer, apply only one coat and allow to dry.

### COVERAGE

Coverage rates will vary depending on the actual surface environment and application. The typical coverage is about 8m<sup>2</sup>/litre/per coat. Two coats are recommended.

### CLEANING OF TOOLS

Equipment and tools can be cleaned using mineral turps or white spirits.

### STORAGE

A minimum of 12 months in original sealed containers stored under cover in a cool and dry place. It must be stored under conditions which meet the local regulation applying to such substances.

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## HEALTH AND SAFETY

**Flammability:** Flammable. Keep away from sources of ignition including pilot lights and sparks. Take precautionary measures against static discharge. Do not smoke. Keep containers tightly closed when not in use.

If used in an enclosed space, ensure thorough ventilation of the area (using flame proof mechanical blowers) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide, foam, sand or earth. Never use water as this may spread the fire.

Note: Electric motors, light/power switches and steel tools may generate sparks sufficient to ignite such a material or the vapours given off, resulting in an explosion and/or fire.

**Skin contact:** Contains solvents which cause defatting of the skin and, in extreme circumstances, dermatitis. Avoid contact by careful working and use of barrier cream or gloves. Remove skin contamination with a proprietary hand cleaner following by washing with soap and water.

**Eye Contact:** Could be harmful. Wear protective eye-shields, especially where there is a danger of splashing. In the

event of accidental contact, irrigate the eyes immediately with clean water for 15 minutes and seek medical attention.

**Inhalation:** Contains low volatility solvents. Use in well ventilated areas and avoid inhalation and use suitable respirators or breathing mask where necessary. In the event of discomfort as a result of inhalation, remove person to fresh air and obtain medical attention.

**Oral Digestion:** With proper handling oral digestion should not occur. The possibility can be minimized by not consuming food in the working area and by washing hands thoroughly before eating, drinking and smoking.

**Spillage:** Spilt material should be mopped up immediately with an inert absorbent material such as sand and disposed of, in accordance with local regulations, by incineration or burial.

**Disposal of containers:** Do not leave empty containers on site where any residue could be a hazard to children or animals. Replace lids and remove all containers to a central disposal point.

## PRODUCT DATA SUMMARY

Property	Test	Typical Values
Type of solvent		Petroleum hydrocarbon
Flash Point		36°C
Solids Content		>50%
Specific Gravity		0.90
Film Thickness		wet: 100 microns; dry: 54 microns
Application Temperature Range		-5°C to 55°C
Drying Time	BS3416/6949:1991	Approximately 1 hour, depending on temperature, humidity, air change and base conditions.
Finish	BS3416/6949:1991	Smooth, gloss black film.
Tap Water immersion resistance	BS3416/6949:1991	Passed The film remained completely adhered to the substrate. No blistering was observed. No visible rut or pitting on the exposed metal surface.
• 4 days immersion		
• 14 days immersion		
Bending resistance	BS3416/6949:1991	Passed No signs of cracking or detachment from the substrate.
Effect on potable water	BS3416/1991/ BS6920:2000	Passed Suitable for use in contact with potable water.

Typical values may represent average values from sample tested.

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