

**Product reference** 5/11

**Product title** Plasmet SB1

**Valid from** 5th January 1998

### Type

A one-pack, solvent based, chlorinated rubber coating containing lamellar flake pigmentation.

### Suggested use

**Concrete:** The coating possesses good water and oil resistance, flexibility and abrasion resistance and is easy to maintain having self-cleaning properties in certain applications. This product is suitable for floor areas subjected to vehicular traffic.

### Limitations

Not suitable for continuous service above 80°C.

### Health & safety

This product is safe in general use provided that normal precautions for use of flammable products are observed. Ensure adequate ventilation in use. Operational exposure limit (OEL) is 50ppm based on a 40-hour week. A TLV is not available for this product.

### Surface preparation

For best results, surface laitance should be removed by wire brushing, discing or sand blasting. However, good results can be obtained by simply removing patches of oil, grease etc., by steam cleaning or high pressure, fresh water washing. Surface should be vacuum cleaned prior to application to remove dust and surface contamination.

### Application equipment

Brush, long-haired roller, spray.

### Application

For best results apply two coats at 75 microns DFT, or three coats at 50 microns DFT. The first coat should be diluted with up to 5% of xylene to allow good penetration to the concrete. Additional undiluted coats may then be applied at suitable intervals (see overcoating times below). A three-coat system minimises the risks of solvent retention within the coating and is advised for ambient temperatures less than 5°C.

### Pot life

Not applicable.

### Thinners

Up to 5% xylene addition to the primer coat is preferable. Thinning of subsequent coats is not recommended.

### Storage life

Greater than 2 years at 25°C.

### Colour

Blue (a wide range is possible).

### Flash point

Greater than 40°C.

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### **Recommended DFT**

50 to 75 microns per coat.

### **Specific gravity**

1.19 g/cm<sup>-3</sup>

### **Volume solids**

64.5%.

### **Theoretical spreading rate**

12.9m<sup>2</sup>/litre/50 micron DFT, 8.6m<sup>2</sup>/litre/75 micron DFT.

### **Drying times (well ventilated areas)**

Touch dry: 1 hour at 20°C.

Dry to overcoat: 7 hours at 20°C (brush).

4 hours at 20°C (airless spray).

### **Equipment cleaner**

White spirit, xylene, MIBK.