

SML BALLASTIC BLACK

Product description

Ballastic Black is a bituminous based, high build coating which gives a soft and flexible film. This product is part of a complete system certified not to spread flames.

Recommended use

Suitable for use on steel. Ballastic Black can be used behind insulation, on cofferdams and non-potable water tanks. Also for use on concrete and masonry as a damp-proof coating.

Packing 5 Litres and 20 Litres

Film Thickness and Spreading Rate

	Min	Max	Typical (Spray)	Typical (Brush & Roller)
Dry Film Thickness (µm)	75	300	150	75
Wet Film Thickness (µm)	120	480	240	120
Theoretical Spreading Rate (m ² /l)	8	2.1	4.2	8

Physical Properties

Colour	Black
Solids (vol %)	63 ± 2
VOC	305 gms/ltr UK-PG6/23(97)
Gloss	Flat
Water resistance	Good
Flexibility	Good

Surface Preparation

All surfaces should be free from any contaminants (grease, oil etc.) and be clean and dry before application. Loose or flaking material must be removed back to a firm surface. Sanding to provide a mechanical key will aid adhesion.

Condition During Application

The temperature of the substrate should be a minimum of 3°C above the dew point. Do not apply if the surface temperature of the substrate is below 5°C or above 30°C. At temperatures below 10°C drying time will be significantly extended. At surface temperatures above 30°C (be aware that the surface temperature can significantly exceed the air temperature), it is likely that there will be significant sagging and it will not be possible to achieve the desired or specified film thickness without further coats. Good ventilation is required in confined areas to ensure proper drying and curing.

Application methods

Spray Use airless spray

Brush and Roller
should be applied using a brush

Suitable for application using brush and roller. First coat

Application Data

Thinner /Cleaner	SML Alkyd Thinner
Data for airless spray application:	
Nozzle pressure	14MPA (150 kp/cm ² ; 2100 psi.)
Nozzle tip	0.53 – 0.79 mm (0.021 – 0.031")
Spray angle	40 – 80°
Filter	Check to ensure filters are clean

Drying Times

Drying times are closely related to air circulation, temperature, film thickness and the number of coats. The figures provided below are typical:

Substrate Temp.	10°C	23°C
Surface Dry	5 hours	2 hours
Dry to recoat	18 hours	12 hours

The above data is a guide only. The actual drying time and time before recoat may be shorter or longer depending on film thickness, ventilation, humidity, underlying paint system etc.

Typical Paint Systems

Dry Exposure (behind insulation):

Ballastic Black 1 x 150 µm (DFT)
 2 x 75 µm (DFT) - For application by brush or roller. Spreading rate of 8m²/L.

Wet Exposure:

Ballastic Black 2 x 150 µm (DFT)
 4 x 75 µm (DFT) - For application by brush or roller. Spreading rate of 8m²/L.

For more information on compatible paint systems contact SML Paints and Coatings.

Storage

The product must be stored in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed.

Handling

Handle with care. Stir well before use.

Health and Safety

Please observe the precautionary notices displayed on the container. Use under well ventilated Conditions. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be immediately removed with soap and water. If the product comes into contact with eyes they should be well flushed with water and medical attention sought immediately.

Disclaimer

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the data without notice.