



ROAD MARKING

Guideline SB Paint

Scope

A single pack, solvent based, air drying kerb and median marking paint, which ensures safety on road with excellent wear and weather resistance properties.

Uses

Recommended for concrete and paved block surfaces in the city roads. It is suitable for kerb painting of new and existing concrete surfaces and precast concrete medians. It is recommended over steel rails and separators over suitable primer.

Product data

Type	Single pack Synthetic Paint	
Composition	Solvent based road marking paint	
Application Method	By Brush, Mitt or Airless Spray	
Volume Solid	38 ± 2 %	
VOC (EPA- Method 24)	496 gms/ltr	
Recommended DFT	25 - 35µ	
Recommended WFT	66 -92 µ	
Theoretical Spreading Rate	10.9 to 15.2 m ² / lt	
Overcoating interval	Minimum	after 18 hours
	Maximum	extended and applied on dry clean surface
Drying Time	Surface dry: within 4 hours	
	Hard dry: 18 hours	
Colour	White, Golden Yellow, Black	
Thinner/Cleaner	Thinner 800	
Finish	Smooth and Gloss Film	
Flash Point	> 30°C	
Packing	20 ltrs	
Storage Life	Upto twelve months as long as the sealed containers are kept in a cool dry place (10 ⁰ to 35 ⁰ C) and in original unopened containers.	

Substrate preparation

Substrate must be fully cured, dry, sound and clean. All voids, dents are to be repaired. It shall be free from other containments, such as curing compounds, sealers, oil, grease, dust and salts. Wire brush to remove hard dust and blow using compressed air or vacuum clean to ensure free from contaminants, flying debris, laitance, loosely adhering concrete. High pressure water jetting is recommended at 3000 psi for removal of any residue of curing materials on concrete and paved concrete surfaces. Alignments and border of lines shall be marked with oil free marker or emulsion paint. The closest standard of surface preparation is to SSPC SP1 and SP2. The surface to be primed suitably with cement based or metal primers before application of top coats.

Application guidelines

Substrate moisture content should be lower than 5 %. Application by Brush: Add minimum required thinner not exceeding 5% to volume of paint depending on DFT built required. Mitt is recommended for rails and frames to access all joints and edges without dripping paint. Application by Airless Spray: Not required ideally; however a maximum of 3-5% thinner may be added. The nozzle orifice should range between 0.33-0.49 mm and the nozzle pressure should be close to 1700psi. Application pressure needs to be adjusted to get the desired film thickness based on fan width and line definition.

Precautions

The typical wind speed should be less than 15 Kmph. Paints will require longer drying time when relative humidity exceeds 80% or when the atmospheric temperature and wind causes the substrate temperature fall below 10°C. Flush the equipment before and after use with copious amounts of solvent and ensure no dried residue is in the hose or the filtering mesh. Inhalation of coating mist and contact with skin or eyes should be avoided. Safety precautions as with any acrylic compounds should be adhered. Refer MSDS and health and safety guidelines.

Notes

Practical coverages should be arrived based on the method of application, substrate porosity etc

Painting Systems

Typical System- Concrete	Thickness as per specification	No. of Coats
Guideline SB Paint	25 - 35 microns	two
Typical System- Steel		
BP Redoxide Primer	30 microns	one
Guideline SB Paint	25 - 35 microns	two

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The Company will not be liable for loss or damage howsoever caused including liability for negligence, which may be suffered by the user of the data contained herein. It is the users' responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.

DS: 277
Mar 2017

BERGER PAINTS INDIA LIMITED

Berger House, 129 Park Street, Kolkata - 700017.

Phone : (033) 2229 9724 (5 lines) / 2249 9754 (4 lines) Fax : 91-33-2249 9729 / 2249 9009

protectonhelpdesk@bergerindia.com | www.bergerpaints.com