

Roadcraft Primer Technical Data Sheet

Roadcraft Primer is a clear liquid tack coat primer designed for the adhesion of thermoplastic road markings onto bituminous and non-bituminous substrates. Roadcraft Primer is an easy to apply low viscosity colourless liquid tack primer.

Usage:

Primer is used to enhance the adhesion of thermoplastic road markings and road marking products to a variety of substrates such as but not limited to concrete, metal, composite, or Bitumen. The use of Primer with preformed thermoplastic markings is strongly recommended on any substrate that may prove difficult for thermoplastic to adhere to, especially when there is little surface texture.

Packaging:

Primer is available in 5kg and 14.5kg pails.

Shelf Life:

This product has a shelf life of 12 months when stored correctly in a cool, dry place out of direct sunlight and in original unopened packaging. The optimal storage temperature is 15°C - 20°C. Once opened this product should be used within 6 months providing care is taken to reseal the pail between uses.

Technical Information:

| | |
|--------------------------------|----------------------------|
| Curing Time @ 25°C | 5-10 mins |
| Road Surface Temperature Range | 0 - 40°C |
| Viscosity @ 25°C | 130cP |
| Density @ 25°C | 0.901 (g/cm ³) |
| Physical State | Liquid |
| Appearance | Colourless |
| Odour | Sweet |
| Flash Point | 27°C / 80.6°F |
| Solubility | Insoluble |

Usage Guidelines:

All substrates must be dry, firm, solid and free of dust, fat, and oil. On concrete substrates all accumulations of fine particles (Laitance) on the surface must be removed prior to application. Any movement of the substrate should also be rectified prior to laying primer.

Application:

Substrate surface temperature may range from 0°C to 40°C. Do not apply when surface temperature is above 40°C and/or rapidly rising. Substrate temperature must be at least 3°C higher than the actual dew point.

After the pail has been opened and stirred, it can be applied to the substrate by using a short pile roller. Apply at a rate of between 200 g/m² to 400 g/m² depending on density and porosity of the substrate. In any case, continue applying primer until saturation occurs to obtain a thin continuous resin film. On extremely porous substrates a second prime coat may be required.

Health & Safety Precautions:

Suitable protective clothing, gloves and safety glasses must be worn during application of Primer. When the product is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapour as well as direct contact with skin or eyes. Primer is highly flammable; keep away from heat and all sources of ignition and do not smoke. All electric appliances used on the application site must be explosion-proof versions. For further information see our Material Safety Data Sheet.

Roadcraft Safety Products Ltd

Unit 1, Knightcott Industrial Estate, Banwell, Weston-Super-Mare, North Somerset, BS29 6JN

TELEPHONE +44 (0)1934 825850 EMAIL sales@roadcraft.com WEBSITE www.Roadcraft.com

