

# HiTack Primer Technical Data Sheet

HiTack Primer is a clear aerosol spray primer designed for the adhesion of thermoplastic road markings onto bituminous and non-bituminous substrates. HiTack Primer is an easy to apply, colourless aerosol spray tack coat primer.

## Usage:

HiTack 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 HiTack Primer with Hitex 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:

HiTack Primer is available in 600ml aerosol cans.

## 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 10°C - 20°C. Once opened this product should be used within 6 months. Do not expose to temperatures greater than 50°C/122°F.

## Technical Information:

Curing Time @ 25°C	5-10 mins
Road Surface Temperature Range	0 - 40°C
Physical State	Aerosol
Appearance	Colourless
Odour	Sweet
Flash Point	-40°C / -40°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 spraying primer. It is recommended that the surface is heated before application as this will reduce the drying time. For further details, please see Hitex Thermoplastic Road Marking Best Practice Guide.

## 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.

The can should be well shaken before spraying to the substrate. Apply at a rate of between 200 ml/m<sup>2</sup> to 400 ml/m<sup>2</sup> 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. Do not apply the thermoplastic to the primer until the primer is dried as this can cause the primer to evaporate through the thermoplastic and leave bubbles within the finished product.

For further details, see our Hitex Road Marking Best Practice Guide.

## Health & Safety Precautions:

Suitable protective clothing, gloves and safety glasses should be worn during application of HiTack 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. HiTack 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.