

## Process of Thermoplastic Painting

- **Surface Preparation:** The area to be painted must be thoroughly cleaned of dirt, dust, oil, grease, and loose debris. Old, failing markings may need to be removed. The surface must also be completely dry.
- **Layout and Marking:** Precise measurements are taken, and the desired lines, symbols, or patterns are pre-marked on the surface using chalk or temporary paint. This ensures accuracy and compliance with design specifications.
- **Heating the Thermoplastic Material:** Thermoplastic paint comes in solid forms (blocks or powder). It is loaded into specialised melting kettles or pre-heaters where it's heated to a specific temperature, typically between 180°C and 220°C (356°F and 428°F). Constant stirring is crucial to ensure even melting and prevent scorching.
- **Application:** Once molten, the hot thermoplastic paint is transferred to a road marking machine. Depending on the type of marking and desired thickness, the application can be done via:
- **Cooling and Curing:** The thermoplastic paint cools and hardens very quickly, usually within minutes, allowing for rapid reopening of the area to traffic. While it's traffic-ready almost immediately, the paint cures over the next few days, forming a fully bonded and durable marking.
- For Yellow Colour, we are using Automark Maxmark Make Paint
- For the White colour, we are using Automark DezireMark Make Paint
- For any clarifications you can Contact us on 9227788387