PRODUCT DATA SHEET
Centrecoat Thermoplastic
Logos, Numbers, Letters & Games

Description

Centrecoat Thermoplastic is an easy to apply, preformed thermoplastic Road Marking material. It is available in a range of colours as 5m rolls, (50 – 200 mm widths), 1m long strips and or as Numbers, Letters, Logos or Symbols precut from sheets.

Features

- Ideal for fast permanent installation or re-instatement of road markings, car park markings and cycleways
- Also used for logos, symbols, letters and numbers
- Requires only one person and a gas torch
- Extremely flexible

Technical Data

Air temperature should be 5°C and above. When applying Centrecoat Thermoplastic, in cold weather conditions (less than 10°C), it is advantageous to warm the material to maximize hand ability. In cold weather conditions, preheat the surface well before application.

Preparation

Surface should be sound and in good condition. The surface must be clean. Brush away all loose material. Remove any grease or oil from the surface. The surface must be dry. Use the gas torch to heat until there is no further colour change, which occurs at the surface during the drying process.

Do not apply on top of paint unless a Primer has been applied. On concrete and extremely smooth surfaces a Primer must be applied. Before applying Centrecoat Thermoplastic, allow the Primer to dry fully.

Equipment Required

- Propane burner with regulator
- Brush
- Primer (as necessary, dependent on type of surface)

Application

Handle all markings with care. Read the instructions carefully. For lining applications or small areas, pre-heat the surface with the gas torch. Lay out the Centrecoat Thermoplastic material on the surface with glossy side up and strip away the clear protective plastic film.

Position the marking. For larger area logos and symbols ensure there are no gaps between the edges of the pieces. Regulate the torch to give a medium flame. Hold the torch approx 150mm above the Centrecoat Thermoplastic and move in a side to side motion across the material in order to initially locate the material to the surface. Regulate the torch to give a stronger flame.

Hold the torch approx.150mm above the Centrecoat Thermoplastic and move in a side to side motion across the material, providing even heat to fully melt the material. Apply sufficient heat to fully bond the Centrecoat Thermoplastic to the substrate. Do not keep the flame in the same position for too long and overheat the material, as this may result in colour distortion. Ensure that all material, particularly the edges are fully heated and sealed to the surface.

Skid resistance greater than 45 SRV is the minimum requirement for BS EN 1436, broadcast by hand Ground Glass Granules immediately after heating the product (typically 250 g/m). If initial retro-reflectivity greater than 100 mcd is required, glass beads can be applied to the surface immediately after heating the product (typically 300 g/m glass beads or glass bead / aggregate).

Water may be applied to the surface to aid cooling, if necessary.

Inspection

When the Centrecoat Thermoplastic has cooled, check the adhesion. Attempt to lift the edge at various points around the material using an appropriate tool, e.g. blade or chisel. Use additional heat if area of low adhesion is detected. Centrecoat Thermoplastic can be trafficked within minutes of application. Visually check for surface dressing embedment and coverage rate.

Storage

Store packages flat. Keep materials dry, clean and avoid impact. Storage temperature range 5° to 30°C.

Health & Safety

Wear leather safety shoes, long trousers / jacket or coveralls, high visibility vest and safety goggles.