

APPLICATION INSTRUCTIONS

GENERAL REQUIREMENTS

First-time applicators should contact CID GROUP for product support and on-site training.

EQUIPMENT

- Propane fuelled torch with pressure regulator.
- Powered Blower or Broom.
- Primer (if required).
- Paint roller (for primer applications only).
- Utility Knife or Metal Spatula.
- Adequate Supply of Propane.
- Water sprayer (optional).
- Recommended drop-on material (if needed).

STORAGE

When storing or transporting the preformed road markings, it is essential to ensure the following:

1. All markings must be carefully stacked upright and with no heavy objects placed on top.
2. Store at temperatures above 5°C and keep dry.
3. Markings must be handled with care and must not be dropped.

TEMPERATURE

Thermo Roadline is less flexible in cold weather and we recommend:

1. Special care is taken when handling at temperatures below 12°C.
2. Always pre-warm markings before removing from the packages.
3. Correct handling procedure and pre-warming will allow Thermo Roadline to remain flexible and will prevent cracking when unrolling the lines.

SURFACE

For application on various surfaces, note the following information:

1. Thermo Roadline can be laid on existing thermoplastic markings provided all loose material and dust have been removed. Do not install Thermo Roadline on top of existing paint or tape markings.
2. Thermo Roadline is not suitable for use on block paving as there is a strong likelihood of failure/cracking at the block interfaces.
3. Thermo Roadline should not be used on wooden or metal substrates.

We do not advise application of Thermo Roadline onto new asphalt until the surface has settled for at least 6-8 weeks.

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INSTRUCTIONS FOR APPLICATION

1. Position warning signs and cones if necessary and ensure all vehicles are removed from the working area.
2. The surface of the road must be dry, clean and in good condition. If in doubt always apply a test patch. If there is any water, sweep this away from the application area.
3. When laying on concrete, old bitumen, polished asphalt and previously dirty surfaces that have been thoroughly swept a suitable primer must be used. Follow the manufacturer's instructions when applying the primer.
4. Set the correct gas pressure on the regulator, ignite and turn torch valve to adjust the flame.
5. Dry the surface thoroughly.
6. Place the marking(s) into position and ensure the edges are butt jointed correctly and in alignment. Remove the backing film.
7. Position the nozzle of the blowtorch approximately 150mm above the centre of the marking at one end. With a side to side motion, heat the material gently until molten and it begins to bubble slightly and flow into the surface. After bonding check to ensure that the marking has fully bonded to the surface using a metal spatula or knife to try and lift the edges.
8. Care must be taken with the speed of melting. Gentle controlled heating to avoid burning or excessive bubbling. Do not lower the torch below the specified heating distance.
9. Repeat the procedure for the rest of the markings until the installation is complete.
10. If the marking is multi-layered, apply the base layer first and allow to cool. Positioning the second layer and repeating the fixing process.
11. For initial retro-reflectivity, apply drop-on glass beads once the line has fully bonded to the surface and the marking is still molten.
12. Allow the material to cool before removing cones. If fast cooling is required, water may be sprayed over the marking(s).

NOTES

- Where the condition of the surface is in doubt we suggest that the test patch is carried out before completing the rest of the work.
- Slight discolouration may take place during heating and this is quite normal. The colour will return to normal when cooled.
- Any overheating that causes browning will disappear shortly after being trafficked.
- All butt joints should be fused together during bonding.
- Incorrect bonding will ultimately result in the marking breaking up.
- This product has a shelf life of 12 months from the date of manufacture if stored in accordance with above instructions.



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