Implementation instructions

**SUBSTRATE PREPARATION**

T SIGN can be applied directly to hydrocarbonated surfaces or with a primer to concrete, pavement or an asphalt with a low proportion of binding material.

To ensure a good adherence, the surface must be:
- flat or only slightly sloping
- mechanically sound: any dirt and rubble must be got rid of through sweeping, scraping and/or blasting
- oil and other chemicals free
- at a temperature > 5°C
- with a hygrometry <80%. Do not apply if there is a likelihood of rain.

To make sure the substrate is really dry, it must be first heated up with a gas burner.

To apply T SIGN in order to refresh old markings, please contact our technical support: [contact@ore-peinture.fr](mailto:contact@ore-peinture.fr).

**SAFETY PRECAUTIONS**

- The worker applying T SIGN must wear heat-protecting trousers and footwear (safety boots, leather...) and must not wear synthetic fabrics.
- He will have to move in a protected environment, free of any undue movement within his working area.
- If possible, wind direction should be taken into account (from upwind to downwind) so as to avoid a flashback from the gas burner.

**STORAGE AND HANDLING**

T SIGN must:
- be stored at a temperature ranging from 1°C to 30°C.
- be handled carefully, especially in freezing temperatures less than 0°C.
- be kept free of moisture all through its storage life and use.
- be laid flat and not stacked up in piles of more than 25 units.
- preferably be used within a year of the manufacturing date as printed on the packing.

**TOOLS**

- Gas burner with hose equipped with a regulator of 3-4 bar.
- Propane cylinder.
- Trush (yard broom) and/or blower.
- Infra-red Thermometer for measuring temperatures >200°C.

**APPLYING ON HYDROCARBONATED SURFACES**

On a new substrate, the application must not be carried out before at least one month after its being laid and not before the complete elimination of all foots oils. With these conditions fulfilled, T SIGN can then be applied without having to use a primer.

1. Apply markers on the surface, with chalk lines or other means, so as to facilitate the placing and alignment of the T SIGN symbols.
2. Sweep the surface so as to get rid of any dirt and other substances with a broom or any other tool as prescribed in the first part "substrate preparation".
3. Pre-heat the surface with a gas burner to ensure complete dryness.
4. Carefully position T SIGN on the surface, bead-coated side up, referring if necessary to the markers previously applied (step 1). If several pieces must be joined together, position them side by side without leaving any space between them.

**APPLYING ON CONCRETE OR OTHER SUBSTRATES**

Make a shot-blasting then apply a layer of TX PRIMER. A new screed should be left to dry at least 3 weeks before starting the shot-blasting and applying TX PRIMER.

1. Steps 1-2-3 are the same as those carried out on hydrocarbonated surfaces (see previous part).
2. Apply a layer of T PRIM with a roller or a machine on the surface to be treated with a dosage of 150 to 200 g/m².
3. Let T PRIM dry completely before applying T SIGN (about 30min).

**STORAGE AND HANDLING**

- FMR* indicators must have vanished.

- Located on the upper surface of T SIGN, the FMR indicator is a 20x3 mm visual mark which disappears when the minimal recommended fusion has been reached.

- This ensures an excellent adhesion to the substrate.

7. 5 to 20 minutes’ drying time is necessary, depending on ambient temperature. Re-opening of areas to traffic can be made when the product has reached a temperature below 40°C.

8. When the product is back to ambient temperature, check that it is correctly bonded to the substrate by trying to lift up pieces with a blade or a chisel. Thin particles of the substrate remaining on T SIGN are proof of good adherence. Make sure the bonding is satisfactory before leaving the work site.

**APPLYING ON OLD HYDROCARBONATED SURFACES**

On old hydrocarbonated surfaces with a low proportion of bind material, a layer of T PRIM must be applied.

1. Mix the base with the hardener for about 1 minute.
2. Apply the mixture regularly over the entire surface of the area to be treated. Use a short-haired roller (max 10 mm). Consumption will be about 1-2-3: since the TX PRIMER kit is pre-measured, it must be used entirely.

**APPLICATION ON CONCRETE OR OTHER SUBSTRATES**

1. Complete grip with the substrate has been reached when the TX PRIMER is completely hard. The polymerization time is 24 hours at 20°C. Re-opening of areas to traffic can be made at least one hour after.

Find all the information, documentation and videos on our website.

For any further advice or information concerning T SIGN, please contact our technical department at +33 2 41 21 14 10 or e-mail us: [contact@ore-peinture.fr](mailto:contact@ore-peinture.fr).