4soft

brings you **StreetMark**



Play

StreetMark

Thermoplastic markings

Application Instructions

Thermoplastic markings StreetMark

StreetMark Application on asphalt:

1) SURFACE PREPARATION

- The surface must be **completely clean and dry**.
- Remove **dust, soil, sand, and loose debris**.
- Remove **oil, grease, and other chemicals** – they cause poor adhesion and material deformation.
- A contaminated surface may cause the marking to **detach partially or completely**.

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2) ASPHALT PREHEATING

- If the asphalt is **not newly installed**, it must be **preheated with a gas torch** according to the manufacturer's instructions.
- Heating activates the **bitumen in the asphalt**, which ensures bonding with ThermoMark.
- **Do not apply on freshly laid asphalt** until it is fully cured.

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3) THERMOMARK APPLICATION

- Place the element on the prepared surface.
- Heat evenly with a **gas torch** until the material melts and bonds to the substrate.
- The material must be **heated through its full thickness**, not only on the surface.

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4) APPLICATION IN WINDY CONDITIONS

Strong wind may:

- cool the material and cause **insufficient heating**,
- deflect the flame and result in **uneven application**.

If windy conditions occur, work more slowly or postpone the installation.

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5) MOISTURE CONTROL

- The surface must be **completely dry**.
- **Do not apply on wet or damp surfaces** – this may cause detachment of the marking.

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6) EDGE INSPECTION

- After installation, always **reheat the edges with a torch**.
- The edges must be **fully bonded to the substrate**.
- Poorly bonded edges are the **most common cause of detachment**.

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7) JOINTS BETWEEN INDIVIDUAL PARTS

- Individual parts must be **firmly bonded without visible gaps**.
- Visible joints indicate **insufficient heating – reheat the area**.

StreetMark Application on concrete, cement, or stone:

1) SURFACE PREPARATION

- The surface must be **completely dry, clean, and free of dust, grease, and contaminants**.
- **Do not preheat concrete surfaces**.
- The surface must be **solid and free of loose particles**.

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2) PRIMER PREPARATION (THERMOTAC)

- ThermoTAC primer is supplied in **two components**:
  - solid component (resin),
  - liquid component (oil).
- Place both components into a **sealed container**.
- Add **solvent (toluene or xylene)** according to the package instructions.
- Mix thoroughly using a **mechanical mixer**.
- It is recommended to **let the mixture rest (approx. 1–24 hours depending on instructions)** and mix again before use.
- After mixing and sealing, the primer can be stored for up to **1 year**.

Liters toluene	Kilos prepared	Total kilos of primer	Capacity m²
25	4,79	29,79	99,30
20	3,83	23,83	79,43
13	2,49	15,49	51,63
9	1,73	10,73	35,75
4	0,77	4,77	15,89

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3) PRIMER APPLICATION

- Apply the primer **evenly using a roller or brush**.
- Recommended consumption is approximately **300 g/m²**.
- Allow the primer to **dry for at least 10 minutes** before applying ThermoMark.

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4) THERMOMARK APPLICATION ON CONCRETE

- Place ThermoMark on the **primed surface**.
- Heat evenly with a torch until the material melts and **fully bonds to the substrate**.
- Pay special attention to **edges and joints between individual parts**.

Application Instructions were created by 4soft, s.r.o.

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