

Street Tattoo

Thermoplastic prefabricated markings

1. PLACE	☐ Indoors	☒ Outdoors
2. TYPE	☒ Line	☐ Surface ☒ Symbol TS
3. STRESS	☐ Low	☐ Medium ☒ High

General description

Area of use:

Street tattoos are ideal for lines and symbols (VZ) in outdoor areas that are exposed to high stress.

For permanent marking on the outside of:

- » Bituminous surfaces (mastic asphalt, asphalt concrete)
- » Concrete surfaces (cement floors), e.g. roads, car parks, driveways
- » Concrete paving

Attention: Street Tattoos may only be applied to flat surfaces – when heated, the material becomes almost liquid and may run.

Concrete paving can suffer from cracking and adhesion problems at the joints, as the primer only acts as an adhesion promoter on solid substrates.

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Product features:

- » High wear resistance
- » Can be walked on and driven over within minutes
- » Strong adhesion
- » Resistant to frost, snow, salt and oil
- » Free of harmful substances and therefore environmentally friendly
- » Self-cleaning through rollovers and precipitation

Technical data:

Colour tone:

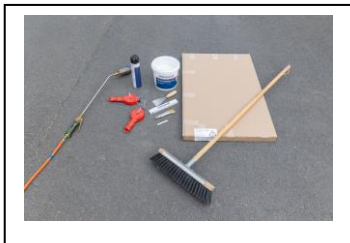
White and coloured (standard colours price list overview)

Solvent content:

Solvent-free

Storage:	Store transport packaging (cardboard box) horizontally, do not place
Working temperature:	Min. +10°C outdoor temperature

Application of street tattoos



1. Equipment

1. Gas burner with high heat output and low flame.

Recommendation: Green high-power burner (119.4 kW) with high-pressure hose and 4 bar medium-pressure regulator (Art. no. Jansen 40-6-6).

Standard commercial blowtorches for laying welding strips are too weak and **not** suitable for burning street tattoos.

2. Broom

3. Possibly a high-pressure cleaner, depending on the degree of soiling of the surface

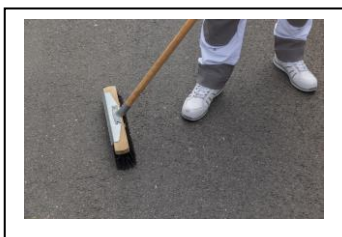
4. Primer

5. Street Tattoo

6. Other: Chalk and chalk line, folding rule

7. Reflective beads

8. Spatula or knife (for testing adhesion later)



2. Preparatory work

The area to be marked must be completely dry, free of dust and separating substances (oil, grease, wax) as well as algae and moss.

Remove brown discolouration caused by foliage using high-pressure cleaning. Humic acid contained in foliage has a negative effect on shelf life.

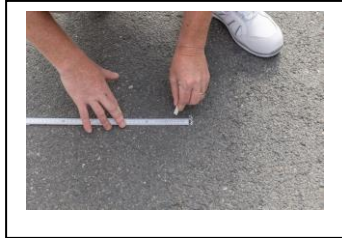
Old markings, chewing gum residue and other bonding difficulties must be removed mechanically.



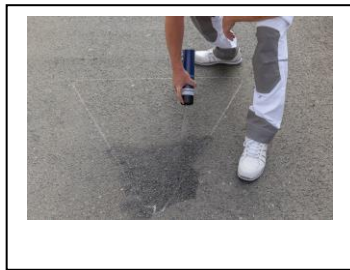
3. Measure the temperature of the substrate

Preheating with the burner is ideal. However, this should not be used to dry the floor area. Do not apply Street Tattoo in rainy, wet or humid conditions!

At significantly elevated ambient temperatures, there is a possibility that the Street Tattoo may adhere to the road surface in an undesirable manner. This can impair professional installation and lead to processing difficulties.

**4. Mark the outline**

Use chalk or wax crayon to draw the outline of the street tattoo generously.

**5. Apply primer**

Shake the spray can vigorously and apply a thin layer to the pre-marked area.

For larger street tattoos (approx. 5 m² or more), use the liquid primer from the can.

Tool: Short pile roller for solvent-based products

The material is ready to apply. Layer thickness: max. 120 µ

Flash-off time: at least 15 minutes at 23°C

Not reaching the airing time can lead to adhesion problems.

**6. Unpack street tattoos**

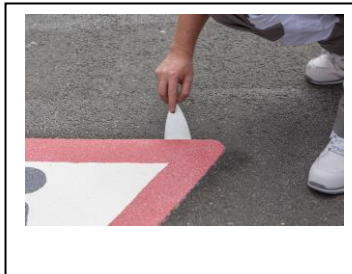
Remove the protective film (if present) and place all individual parts as tightly as possible together in the appropriate mould. Simply reassemble any broken parts; this will not affect the quality of the end result.

**7. Burn on street tattoo**

Mark with a gas burner from a distance of approx. 20-30 cm, heating the entire surface until small blisters form on the surface. The surface structure of the substrate is visible. The edges of the tattoo must be neatly rounded. Keep the gas burner moving constantly to prevent burning or discolouration of the surface.

**8. Shelf life**

To improve durability and reflectivity in headlight glare, it is essential to additionally sprinkle Jansen reflective beads onto the surface. To do this, briefly reheat the surface and apply the reflective beads by hand or using a Jansen automatic spreader (Art. no. 40-6-8) sprinkle in and then briefly go over the surface again with the burner.

**9. Adhesion check**

After the street tattoo has cooled down, carry out an adhesion check. Check the connection of the street tattoo using a knife/spatula. Try to insert a knife/spatula between the substrate and the marking (without applying force). If a piece comes off, the heating was not strong enough. In this case, the street tattoo must be heated again.

**10. Street Tattoo can be driven over**

30 minutes after baking, the street tattoo can be walked on and driven over. This depends on the air and ground temperature. On very warm days, the hardening process may take longer. In such cases, ensure that the material has cooled sufficiently. Under no circumstances should you accelerate the cooling of freshly burned street tattoos with water. This may lead to adhesion issues.

Professional tips for laying Street Tattoos correctly

To avoid imperfections, ensure that the approx. 2.5 mm thick material is heated evenly, especially when heating larger street tattoos. Only a sufficient thermal reaction ensures the necessary permanent bond between the material and the substrate.

- When applying Street Tattoos to paving stones, it is inevitable that the plastic material will flow into the paving joints when heated.
- Finally, heat the marking edges again to prevent moisture from penetrating at the sides.
- Immediately after laying and once the material has cooled, check that it is properly adhered to the edges of the marking using a pointed object (knife/spatula).
- Laying temperature: Min. +10°C outdoor temperature
- Rule of thumb: The smoother the surface, the worse the result.

Important information:

- » **From 1 November to 31 March inclusive, the application of street tattoos is not recommended. Due to increased temperature and weather fluctuations during this period, no guarantee can be given for proper processing and adhesion.**
- » **Street tattoos must not be laid on freshly tarred surfaces for the first 4-6 weeks. Reason: First, the oils must be broken down from the surface through weathering.**
- » **When applying to paving stones, there should have been no rain for a week beforehand.**
- » **Combustion moment: As soon as the material is hot enough, slight bubbling occurs. When the white colour is burned, it can be seen that it turns yellowish. A slight colour change can be seen in bright colours.**
- » **Street Tattoos are excluded for use on:**
 - » **Natural stone floors**
 - » **Granite and cobblestone paving**
 - » **Coated synthetic resin floors**
 - » **Places where open flames are not permitted**

Exclusion of warranty

- » **Failure to observe technical information.**
- » **High temperatures and heavy loads, as well as high temperatures in car tyres, can cause the tread to leave marks in the marking material. This is not a defect.**
- » **Burning off street tattoos outside the specified recommended time.**
- » **Burning off street tattoos outside the recommended areas of application.**
- » **Burning off street tattoos when the substrate is not yet ready for coating.**
- » **Exceptional mechanical loads: Winter service, heavy equipment, etc.**
- » **Application of street tattoos on already marked areas that do not harmonise with each other.**
- » **Outside the warranty period.**

Be successful together with Street Tattoo – get in touch with us!

If you have any questions, whether about starting the project, using the application or larger projects, we will be happy to assist you personally. Our head office can be reached by telephone on **+49(0)2641 / 3897-0** and will connect you directly to the relevant district manager or an application engineer in your region. You are also welcome to use our convenient digital search function to contact your personal local representative directly: <https://www.jansen.de/fachberatung-fuer-handel-und-profi-verarbeiter/>

We provide reliable support as you enter the world of Street Tattoo products and assist you in implementing your projects.

The technical information has been compiled in accordance with the current state of science and technology. However, the individual recommendations cannot be considered to be binding as application and processing methods are beyond our control and the different nature of the substrates requires working methods to be tailored accordingly from a professional and craftsmanship perspective. The recommendations do not release the customer from the obligation to test the supplier's products for their suitability for the intended use under their own responsibility. The "General Terms and Conditions of Delivery and Payment of the Paint Industry" in the recommendation approved by the Federal Cartel Office on 01 January 2018 shall apply. With the publication of this data sheet, all previous data sheets for this product lose their validity.

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