

The Brite-Line tape is a self-adhesive roadmarking tape. It is suitable for marking on all standard, old and new road surfaces and pavements.

Brite-Line tape offers high visibility even in wet and adverse weather conditions. The scrim under the tape facilitates removal.

Road surfaces, such as Ralumac, are excluded from the warranty as they can lead to adhesive failure.

Agents that form a salt film on the road surface must be removed before laying the tape, otherwise adhesive failure may occur. If this has been done and the tape has been applied in accordance with these instructions, subsequent salting of the road will not lead to any restrictions in terms of adhesion.

We recommend the use of profiled Brite-Line Deltaline tapes for temporary roadmarking on open-porous asphalt (OPA).

Brite-Line tapes comply with DIN/EN 1436 (requirements for road markings and test methods).

The choice of material according to the traffic load and the intended service life is of great importance for successful installation. Only new marking tapes must be used; reuse of previously used Brite-Line tape is not permitted and will invalidate the warranty.

## Application

The following must be observed for professional installation of the Brite-Line tape:

1. The road surface must be completely dry. There must be no precipitation on the road section in question 24 hours before the tape application.
2. Dew formation can lead to moisture on the road when marking at night. This can lead to adhesive failure and must be considered when applying the marking.

**Note: All work carried out by the installer to improve the local conditions such as wet or damp road surface (e.g. use of a hot air dryer or similar) is the responsibility of the installer. If special procedures are used, these must be noted in the self-monitoring protocol.**

3. Dirt such as dust, oil, wax, grease, salt, sand or other soiling must be removed. On new concrete roads, the concrete slurry must be removed using a high-

pressure water process. This process should be carried out at least 48 hours before laying the tape.

4. The tape must not be applied on joints, seams or damaged road surfaces.
5. Pre-marking should be carried out with silver bronze or similar. It must be ensured that this is applied approx. 1 - 2 cm next to the roadmarking tape.
6. Before installing the tape, the current weather data must be recorded on the construction site using suitable measuring equipment and documented in the self-monitoring log. The air and ground temperature must be at least +5°C and the humidity must not exceed 80.

The lot number (Batch#) from the packaging or from the roll core must be stated in the self-monitoring protocol. The completed self-monitoring report must be returned to Brite-Line Europe within 8 days.

7. The primer must be applied with the Brite-Line Primer Cart on both sides 2cm above the edge of the tape. The consumption of the primer is approx. 0.25 litres/m<sup>2</sup>. The drying time is approx. 3-15 minutes, depending on the outside temperature and humidity. The tape may only be installed after the primer has dried to such an extent that it no longer pulls threads. A finger test can be used to check whether the primer has dried sufficiently. Only Brite-Line Primer P20 must be used. It is recommended to use Brite-Line installation tools as they are designed for use with Brite-Line tapes.

8. After laying the Brite-Line tape on the primed road surface, it must be carefully pressed onto the road surface using a Tamper Cart (pressure roller).

The tape must be rolled over slowly and evenly three times. It is crucial that the Tamper Cart has a minimum load of 90 kg to ensure the required contact pressure.

If this requirement is not met, the tape may become detached, which will invalidate the Brite-Line warranty.

Vehicle tyres are unsuitable for this as they cannot generate the necessary contact pressure.

## Durability of the tape

The longevity of the Brite-Line tape depends largely on professional installation.

We would therefore like to emphasise the following points once again:

- Select the traffic class according to the application site
- Check / clean the road surface
- Careful tamping of the tape after professional installation

Optimum durability can only be guaranteed if these factors are observed.

## Removing the tape

The Brite-Line tape can usually be removed manually without leaving any residue if it is applied correctly. Practical experience shows that removal can be made easier under certain weather conditions by carefully heating the tape. Please note the following: Do not use open flames, solvents or water jets for removal.

### Shelf life

Brite-Line tape should be used within 12 months of purchase. The associated Brite-Line Primer must be used within 6 months.

Both products should be stored in dry, cool and frost-protected rooms.

The primer must be kept well-ventilated and protected from frost.

Brite-Line Primer falls under hazard class UN 1263, class 3 (flammable liquids) and must be stored and handled in accordance with the applicable regulations for hazardous substances.

## Safety information

The primer is irritating to eyes and skin. Please observe the following safety precautions:

- Keep away from naked flames, sparks and other sources of ignition.
- Vapours can cause irritation and health problems.
- Avoid direct contact with eyes and skin.
- Open flames and smoking are prohibited during processing.

In case of eye contact, rinse immediately with plenty of water and seek medical advice. In case of skin contact,

wash with plenty of soap and water. If swallowed, do not induce vomiting! Seek medical help immediately.

Always keep containers tightly closed and store in a cool, dry and well-ventilated place.

Protect from direct sunlight and heat sources.

General information on installing road marking tape

Road marking tape is usually installed on contractually agreed dates. It should be noted that these dates are not always in accordance to the weather conditions required by the Brite-Line Europe GmbH installation guidelines.

Therefore, the risk of limited durability of the roadmarking tape cannot be attributed solely to the installer. Weather-related influences at the time of installation are a significant factor that must be considered.

## Disposal

The end-user is solely responsible for the proper disposal of this product in accordance with local regulations. Brite-Line Europe assumes no liability for any environmental or legal consequences resulting from improper disposal.

## Warranty and liability

Before using Brite-Line tapes, the customer must check whether the product is suitable for the intended purpose. Warranty and liability are governed by the General Terms and Conditions of Sale of Saferoad RS GmbH; the relevant statutory provisions take precedence.

Proof of professional application of the tape in accordance with the applicable installation instructions is mandatory.

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