



## TERMOSIGN

Preformed thermoplastic pavement marking

### Fields of application:

Termosign is used for thick-layer durable horizontal pavement markings. Ready-made elements such as lines, arrows and white or colored pictograms are very easy to apply and do not require any special machinery. It can be applied to all asphalt surfaces. It can also be used on non-bituminous surfaces, provided it is suitably primed with IZI-PRIME. It is advised to perform a trial application on a non-bituminous surfaces. Also old and/or worn asphalt requires using primer. Termosign should not be used indoor/ under a roof.

### Properties:

- ✓ Resin type: hydrocarbon resins and modified ester resins
- ✓ The material consist of:
  - approx. 20% binding agent
  - approx 55% titanium and fillers
  - approx 25% glass beads
- ✓ Spec. gravity: 1.9 kg/l
- ✓ Thickness: 3.0 mm (± 0.4)
- ✓ Softening point: > +90°C
- ✓ Skid resistance: > 45 SRT
- ✓ Retro reflectivity: > 150 mcd/m<sup>2</sup>·lx

### Packing:

Flat cardboards 50 x 100 cm, protecting the material from moist and sunlight.

### Storing:

TERMOSIGN should be stored in cool, dry indoor area. The temperature during transport and storing cannot be lower than +5°C or above +30°C . Fragile at low temperatures.

### Shelf Life:

1 year from the date of production, in original unopened box.



### Application:

Application (surface) temperature: +5°C – max. + 50°C.

The surface to which TERMOSIGN is to be applied must be dry. Moist or wet road surface has to be dried, e.g. with a gas torch. The surface must be clean of all debris, dust, sand, stones, oily substances, etc.

TERMOSIGN is applied by heating its surface using a gas torch (it is advisable to use propane) . The material should melt till it achieves 200°C- 230°C. Glass Beads should be spread on molten surface of Termosign.

To determine the proper bonding of the material, the adhesion test has to be performed.

Before restoring the traffic the material should be completely cooled down.

### Guarantee:

Termosigns are covered by a 2-year guarantee for applications on asphalt surfaces.

Remarks:

The Termosign's surface might crack on gaps of concrete blocks.

Tire stamps might appear on Termosigns surface in places of frequent cars stops.

The degree of wearing is completely depended on the character and traffic intensity. Producer is not responsible for analyzing those factors.

Performing the application against the producer instructions will result in loss of guarantee.