



# THERMOLIT ELISABETH BIOBASED 24



- Thermoplastic
- Projected

Thermoplastic type I and type II (line and structured) based on biobased raw materials for screed and extrusion applications.

## Environment



Roads & Highways



Urban

## Performances



High durability



Daytime visibility



Night visibility



Type II



Anti skid

## ADVANTAGES

- Good durability: marking certified more than 4 million roll-overs.
- Good night visibility also improved visibility in rain and wet conditions (type II thermoplastic).
- Good workability, high skid resistance and high whiteness.

## PERFORMANCES, CERTIFICATIONS AND CONSUMPTIONS

|                | Line (type I and II)                             | Line (type I and II)                     | Long dots              |
|----------------|--------------------------------------------------|------------------------------------------|------------------------|
| Performances   | P6 R4 RR2 RW2 B5/Q5 S3<br>P7 R3 RR1 RW3 B4/Q4 S2 | P6 R5 RW2 Q5 B5 S3<br>P7 R4 RW2 Q5 B5 S4 | P6 R3 RR2 RW3 B3/Q4 S4 |
| Certifications | ETA 25/0395                                      | ETA 25/0395                              | ETA 25/0395            |
| Product dosage | 4 kg/m <sup>2</sup>                              | 6 kg/m <sup>2</sup>                      | 4,5 kg/m <sup>2</sup>  |
| Drop-on        | Thermolit NM AC07                                | Thermolit NM AC07                        | Duolux 425-850 125 AH1 |
| Drop-on dosage | 400 g/m <sup>2</sup>                             | 400 g/m <sup>2</sup>                     | 450 g/m <sup>2</sup>   |



## Application



Extruded



Screed



Manual

## CONDITIONS FOR USE

### ■ Application

Heat the product including the bag to 190 ° (min 165 – max 200°C) to obtain a fluid paste before applying. Must be dropped-on immediately after application with drop-on beads.

The product can be applied manually or with a machine by a screed box or by extrusion.

### • Support

Clean and dry hydrocarbon or bituminous pavements, new or old.

Use Thermolit Primer AF over old markings.

It is recommended to apply a Thermolit Primer AF to old concrete or hydrocarbon substrates. Fresh concrete floors (< 1 year) should be sandblasted and primed (Veluvine EP primer).

### • Minimum application temperature & Maximum humidity level

Between 5 and 45°C and at least 3°C above dew point with relative humidity < 80%. Too low processing temperatures may lead to insufficient adhesion. The applicator must meet the conditions for use.

### ■ Storage

Protected from sunlight and frost, the thermoplastic has an unlimited shelflife in the original packaging. The reference is the manufacturing date affixed to the packaging.

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## PACKING

20 kg meltable bags

## TECHNICAL CHARACTERISTICS

|                              |                                                                                                                                                                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Couleur</b>               | White                                                                                                                                                                                                                                                                                                        |
| <b>Luminance</b>             | ≥ 0.80 according to EN1871 class LF6<br>≥ 0.40 in accordance with EN1436 class B3                                                                                                                                                                                                                            |
| <b>Skid resistance</b>       | ≥ 55 SRT according to EN1436 class S3 if properly applied                                                                                                                                                                                                                                                    |
| <b>Density</b>               | approx. 2,0 g/cm <sup>3</sup>                                                                                                                                                                                                                                                                                |
| <b>Softening temperature</b> | ≥ 95°C in accordance with EN1871 class SP3                                                                                                                                                                                                                                                                   |
| <b>Viscosity</b>             | solid at 20°C, thick liquid at 175°C                                                                                                                                                                                                                                                                         |
| <b>Solid content</b>         | 100 %                                                                                                                                                                                                                                                                                                        |
| <b>Drying</b>                | < 2 minutes                                                                                                                                                                                                                                                                                                  |
| <b>Flashpoint</b>            | < 220°C                                                                                                                                                                                                                                                                                                      |
| <b>Application</b>           | After heating to the processing temperature, the product can be processed: <ul style="list-style-type: none"> <li>• Manually by pouring into a mold and leveling with a heated scraper.</li> <li>• Manually using a screed box</li> <li>• Mechanically using equipment designed for this purpose.</li> </ul> |

## SAFETY- ENVIRONMENT

Product for professional use.

Soiled packaging, cleaning and rinsing products are waste to be treated according to current regulations.

Contact our sales department to consult the Safety Data Sheet.

## VELUVINE B.V.

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### VERSION DISPONIBLE



NETHERLANDS



UK



FRANCE



SPAIN



GERMANY