



Tráfico blanco



DESCRIPTION

Acrylic resin-based paint for road and footpath marking. Ideal for use on asphalt and concrete.

ADVANTAGES

- ✓ Extremely hard wearing
- ✓ Quick drying
- ✓ Excellent resistance to aggressive elements such as oil and petrol
- ✓ Easy to application
- ✓ Excellent adherence to concrete, asphalt and cement

PRESENTATION

Silk matt finish
Available in 5 kg and 15 L tubs



Tráfico blanco



TECHNICAL CHARACTERISTICS

STANDARD REQUIREMENTS

| PROPERTY | TEST METHOD | SPECIFICATION | RESULT |
|------------------------------------|-------------------------|--|---|
| 1. Drying time before use | UNE 135202 | $t \leq 30$ min | $t = 14.5$ min |
| 2. Chromatic coordinates | UNE 135200 | x,y coordinates within the limits specified in UNE 135200 | x,y coordinates within the limits specified for white |
| 3. Luminance factor | UNE 135200 | $\beta \geq 0.85$ | $\beta = 0.87$ |
| 4. Coverage | UNE EN ISO 6504-1:2007 | - | 4.2 m ² /l |
| 5. Full container stability | UNE 48-083-92 | - | Stable |
| 6. Artificially accelerated ageing | - | No colour variation | After 170 hours exposure in a climate chamber, no colour variation was observed |
| 7. Resistance to alkalis | UNE EN ISO 2812-1:2007 | No defects or surface deterioration | No alterations of any type were observed |
| 8. Adhesion under direct traction | UNE 1542:2000 | Rigid systems: ≥ 1.0 (0.7)b N/mm ² . (Without traffic load) and: ≥ 2.0 (1.5)b N/mm ² (With traffic load) Sistemas Flexibles: $\geq 0,8$ (0,5)b N/mm ² (Sin cargas de tráfico) y $\geq 1,5$ (1,0)b N/mm ² (Con cargas de tráfico) | σ (MPa)=3.97 |
| 9. Polymer thermogravimetry | UNE EN ISO 11358:1-2022 | - | Weight loss: 32.121% |



Tráfico blanco



IDENTIFYING CHARACTERISTICS

| PROPERTY | TEST METHOD | TOLERANCE | RESULT |
|----------------------------------|------------------------|-------------------------------|-------------------------------|
| 1. Krebs-Stormer consistency | UNE 48-076-92 | ± 10 unit of declared value | 63 UK (53-73 UK) |
| 2. Non-volatile material content | INTERNAL TEST | ± 2% of declared value | 70.45 % (69.04-71.86 %) |
| 3. Bonder content | INTERNAL TEST | ± 5% of declared value | ± 5% del valor declarado |
| 4. Relative density | INTERNAL TEST | ± 0.02 unit of declared value | 1.50 Kg/l (1.48-1.52 Kg/l) |
| 5. Luminance factor | UNE 135200 | ± 0.02 unit of declared value | β=0.87 (0.85-0.89) |
| 6. Coverage | UNE EN ISO 6504-1:2007 | - | 4.2 m ² /l |

DURABILITY ON ROUGH ROAD SURFACE MARKING TYPE II-RW

(in accordance with UNE-EN 13197:2012+A1:2014)

A P6 (2,000,000 wheel passes): **R4,RW2,B4,Q5** and **S4**.

A P7 (4,000,000 wheel passes): **R3,RW1,B4,Q5** and **S4**.

Nocturnal visibility:

Luminance coefficient when dry:

A P6 (2,000,000 wheel passes)

R4 Minimum requirement: R3

A P7 (4,000,000 wheel passes) R3

Coeficiente de luminancia en húmedo:

A P6 (2,000,000 wheel passes)

RW2 Minimum requirement: RW2

A P7 (4,000,000 wheel passes)

RW1



Tráfico blanco



Daylight visibility:

Luminance factor β on road surface:

| | | |
|--------------------------------|----|-------------------------|
| A P6 (2,000,000) wheel passes) | B4 | Minimum requirement: B2 |
| A P7 (4,000,000) wheel passes) | B4 | |

Luminance coefficient in diffuse lighting (Qd) on road surface:

| | | |
|--------------------------------|----|-------------------------|
| A P6 (2,000,000) wheel passes) | Q5 | Minimum requirement: Q2 |
| A P7 (4,000,000) wheel passes) | Q5 | |

Anti-slip resistance:

STR friction coefficient:

| | | |
|--------------------------------|----|-------------------------|
| A P6 (2,000,000) wheel passes) | S4 | Minimum requirement: S1 |
| A P7 (4,000,000) wheel passes) | S4 | |

| | | |
|--------------------|---------------|-------------------------|
| Composition | Fixed vehicle | Acrylic copolymer resin |
| | Pigments | Mineral and organic |
| | Solvent | Solvent |

Coverage 8 – 10 m²/l (Depending on surface absorbance).

Reflection Reflective signage paint using glass microspheres on a paint film immediately after application.

Use the appropriate grade and type of microspheres for the type of road marking being carried out.

APPLICATION

Coats 2

Recommended thickness 45-50 microns per dry coat.
An appropriate coat thickness is achieved with a dosage of 720 g/m² of paint



Tráfico blanco



Dilution

Dilute with Toluene at 20-30 % for the first coat, 10-20 % for the second.

When using a paint gun, dilute appropriately until the desired viscosity is achieved.

Application conditions

Ambient temperature of 5 to 30 °C.

Application tools

Brush, roller, sprayer

SURFACE PREPARATION

New surfaces: New floors should not be painted before 30 days, to allow the concrete to fully set. Once the pavement is completely set and dry, it must be thoroughly cleaned before painting. If the floor is not porous, it must be vigorously brushed beforehand with a steel brush. Do not paint if the floor is wet. Asphalt must be completely dry.

Old surfaces: The surface must be cleaned and degreased. On painted substrates, loose and flakey paint must be removed and cleaned with the most suitable method for each substrate, and proceed as for new surfaces.

STORAGE

Easy to mix by shaking after 12 months' storage in a sealed container. Does not form skin, gel or lumps. Keep away from temperatures below 5 °C.

SAFETY

Consult the label and the Safety Data Sheet.



Pinturas Ayelenses s.l.
P.I. San José, s/n / 46812
Ayelo de Malferit / Valencia / Spain
t. 96 236 02 92 / f. 96 236 06 01
pinturaspinay.com
info@pinturaspinay.com