One-Component Acrylic Road Marking Paint, Yellow (RAL 1023), 25 kg

RAL 1023



AT A GLANCE

- One-component acrylic paint, yellow (RAL 1023).
- 25 kg, about 41 m² at 400 µm wet film.
- UV-resistant pigments, matt finish.
- Dries in 25 minutes at 25 °C.

Product code	**ATP 1K-1023**
Category	**Road Marking Paint**
Weight	**25 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/vopsea-pentru-marcaje-rutiere-acrilica-monocomponenta-galbena-ral-1023-25-kg

Technical specifications

Type	One-component solvent-based acrylic paint
Colour	Yellow (RAL 1023)
Weight	25 kg
Binder	Pure acrylic resin
Pigment	UV-resistant pigments
Finish	Matt
Density	1.40-1.60 kg/l
Solids by weight	74% ± 3%
Solids by volume	56% ± 3%
Viscosity	90-100 KU at 25 °C
VOC content	23-29%
Theoretical coverage	599 g/m² at 400 µm wet film (225 µm dry); 901 g/m² at 600 µm (340 µm dry)
Per metre of line	59.9 g/m at 10 cm width, 90.1 g/m at 15 cm (400 µm wet film)

Drying time	30 min at 10 °C; 25 min at 25 °C; 5 min at 45 °C (ISO 9117)
Hiding power	HP4, ≥ 95% at 300 µm (EN 1871)
UV ageing	UV1, β ≤ 0.05 (EN 1871)
Compliance	BS EN 1871, SANS 731-1
Application	Airless or air-assisted machines; by hand on small areas: handgun, brush or roller
Thinning	Maximum 3%, with solvent-based thinner
Application conditions	Surface 5-45 °C, air ≥ 5 °C, humidity ≤ 80%, temperature ≥ 5 °C above dew point
Substrate	Asphalt and concrete; prime concrete and very old or polished asphalt
Shelf life	18 months in the original sealed pail, at 5-30 °C

Description

Yellow is used where a marking has to stand apart: temporary markings at road works, bus stops, no-stopping zones, the edges of ramps in car parks and warehouses. The ATP 1K-1023 is a one-component acrylic paint with UV-resistant pigments, applied straight from the pail with no catalyst.

Key data

- pure acrylic resin, matt finish;
- density 1.40-1.60 kg/l, 74% solids by weight;
- HP4 hiding power and UV1 ageing (EN 1871);
- dries in 30 minutes at 10 °C, 25 at 25 °C and 5 at 45 °C.

Consumption

599 g/m² at a 400 µm wet film: a 25 kg pail covers about 41 m², roughly 417 m of 10 cm line.

Application

With airless machines or, on small areas, a handgun, brush or roller, on clean, dry asphalt or concrete. For night visibility, drop ATP AC90 glass beads onto the fresh coat. On concrete, apply the ATP PRIMER first.

Other colours

White: the ATP 1K-9016. Blue: the ATP 1K-5017. Black, for outlines: the ATP 1K-9017.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 1K-1023



Film umed de 400 µm (225 µm uscat)
400 µm wet film (225 µm dry)

599 g/m²

≈ 41 m² dintr-o găleată de 25 kg
≈ 41 m² from one 25 kg pail

Film umed de 600 µm (340 µm uscat)
600 µm wet film (340 µm dry)

901 g/m²

≈ 27 m² dintr-o găleată de 25 kg
≈ 27 m² from one 25 kg pail

Linie de 15 cm, film umed de 400 µm
15 cm line, 400 µm wet film

90,1 g/m

≈ 277 m de linie dintr-o găleată de 25 kg
≈ 277 m of line from one 25 kg pail

Valori teoretice, din fișa tehnică a produsului.
Theoretical values, from the product's data sheet.

ATP 1K-1023 consumption and coverage

Drawings and details · 2/3

Culoare: Galben, RAL 1023

Colour: Yellow, RAL 1023

ATP 1K-1023

RAL 1023

Galben / Yellow

Finisaj: Mat

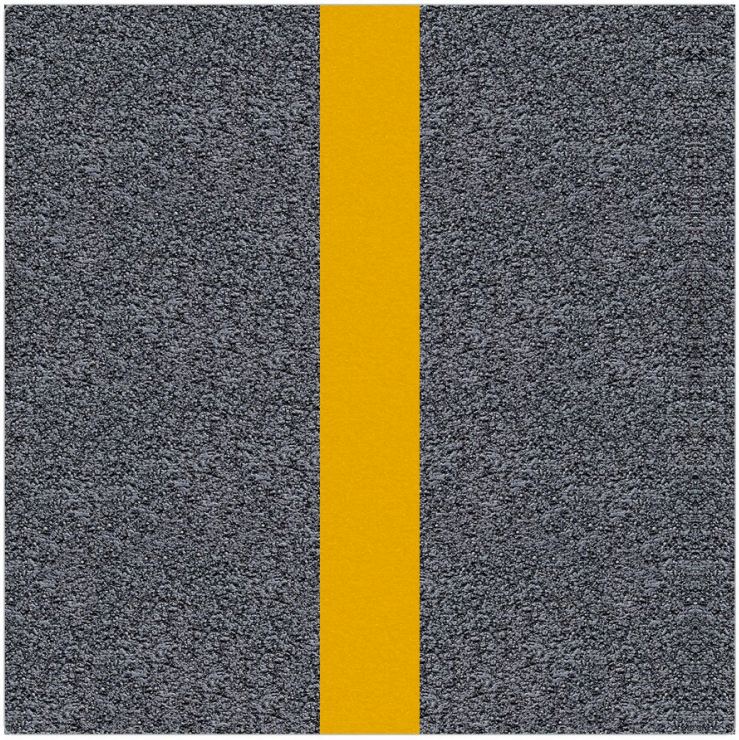
Finish: Matt

Pigment: Pigmenți rezistenți la UV

Pigment: UV-resistant pigments

Îmbătrânire UV: UV1, β ≤ 0,05 (EN 1871)

UV ageing: UV1, β ≤ 0.05 (EN 1871)



Linie de 15 cm pe asfalt

15 cm line on asphalt

Culoarea de pe ecran este orientativă; referința este codul RAL.

The colour on screen is indicative; the RAL code is the reference.

ATP 1K-1023 colour

Drawings and details · 3/3

Aplicare
Application

ATP 1K-1023

Cum se aplică
How it is applied

Mașini airless sau cu aer asistat; manual pe suprafețe mici: pistol, pensulă sau rolă

Airless or air-assisted machines; by hand on small areas: handgun, brush or roller

Condiții
Conditions

Suprafață 5-45 °C, aer ≥ 5 °C, umiditate ≤ 80%, temperatura cu ≥ 5 °C peste punctul de rouă

Surface 5-45 °C, air ≥ 5 °C, humidity ≤ 80%, temperature ≥ 5 °C above dew point

Timp de uscare
Drying time

30 min la 10 °C; 25 min la 25 °C; 5 min la 45 °C (ISO 9117)

30 min at 10 °C; 25 min at 25 °C; 5 min at 45 °C (ISO 9117)

Diluare
Thinning

Maximum 3%, cu diluant pe bază de solvent

Maximum 3%, with solvent-based thinner

Suport
Substrate

Asfalt și beton; pe beton și pe asfalt foarte vechi sau lustruit se aplică amorsă

Asphalt and concrete; prime concrete and very old or polished asphalt

Valabilitate
Shelf life

18 luni, în ambalajul original sigilat, la 5-30 °C

18 months in the original sealed pail, at 5-30 °C

Din fișa tehnică a produsului.
From the product's data sheet.

ATP 1K-1023 application