One-Component Acrylic Road Marking Paint, Blue (RAL 5017), 25 kg

RAL 5017



AT A GLANCE

- One-component acrylic paint, blue (RAL 5017).
- 25 kg, about 41 m² at 400 µm wet film.
- UV-resistant pigments, matt finish.
- For asphalt and concrete, by machine or by hand.

Product code	**ATP 1K-5017**
Category	**Road Marking Paint**
Weight	**25 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/vopsea-pentru-marcaje-rutiere-acrilica-monocomponenta-albastra-ral-5017-25-kg

Technical specifications

Type	One-component solvent-based acrylic paint
Colour	Blue (RAL 5017)
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

A disabled parking bay can be seen from far away when its background is painted blue, with the white symbol on top. The ATP 1K-5017 is the paint for such surfaces and for other coloured areas in car parks and yards: blue RAL 5017, acrylic, one-component, applied with no catalyst.

Technical data

- pure acrylic resin and UV-resistant pigments;
- density 1.40-1.60 kg/l, viscosity 90-100 KU at 25 °C;
- VOC 23-29%;
- HP4 hiding power, UV1 ageing (EN 1871).

Consumption and drying

599 g/m² at a 400 µm wet film, so about 41 m² from a 25 kg pail. At 25 °C it dries in 25 minutes; until then, keep the area closed to cars.

Application

For a solid area such as a bay background, work with a roller or handgun after taping off the edges. The surface must be dry and clean, between 5 and 45 °C. On concrete, apply the ATP PRIMER first. The white symbol on top can be painted with the ATP 1K-9016, or you can use a preformed marking, the ATP P100-D.

Other colours

Green: the ATP 1K-6024. Yellow: the ATP 1K-1023.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 1K-5017



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-5017 consumption and coverage

Drawings and details · 2/3

Culoare: Albastru, RAL 5017

ATP 1K-5017

Colour: Blue, RAL 5017

RAL 5017

Albastru / Blue

Finisaj: Mat

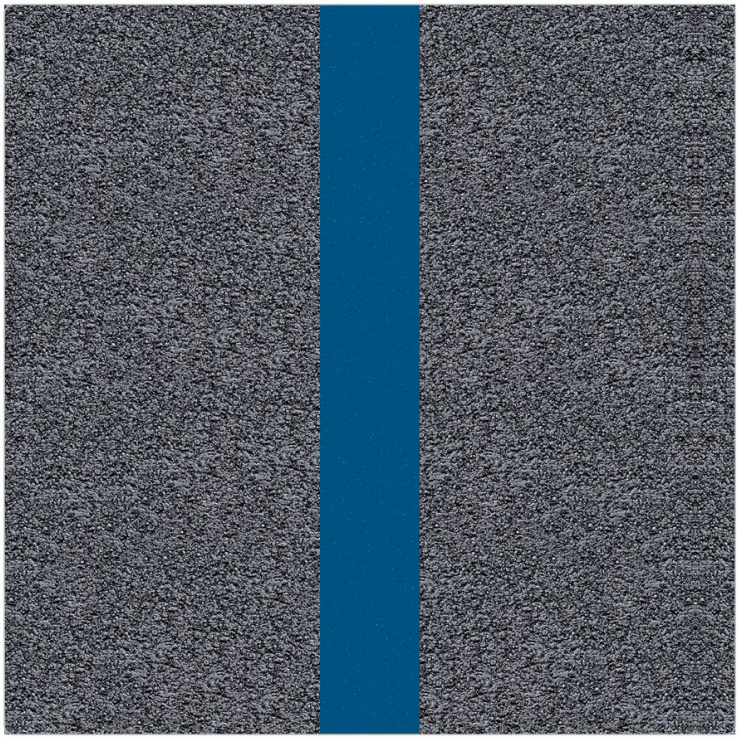
Finish: Matt

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-5017 colour

Drawings and details · 3/3

Aplicare
Application

ATP 1K-5017

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-5017 application