One-Component Acrylic Road Marking Paint, Green (RAL 6024), 25 kg

RAL 6024



AT A GLANCE

- One-component acrylic paint, traffic green (RAL 6024).
- 25 kg, about 41 m² at 400 µm wet film.
- For cycle lanes and electric car bays.
- Dries in 25 minutes at 25 °C.

Product code	**ATP 1K-6024**
Category	**Road Marking Paint**
Weight	**25 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/vopsea-pentru-marcaje-rutiere-acrilica-monocomponenta-verde-ral-6024-25-kg

Technical specifications

Type	One-component solvent-based acrylic paint
Colour	Green (RAL 6024)
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

RAL 6024 is actually called “traffic green”, the shade used for coloured cycle lanes and for parking bays reserved for charging electric cars. The ATP 1K-6024 is the acrylic, one-component version: applied straight from the pail, by machine or by hand, with no catalyst.

Technical data

- pure acrylic resin, UV-resistant pigments, matt finish;
- 74% solids by weight and 56% by volume;
- dries in 25 minutes at 25 °C;
- 18-month shelf life in the sealed pail.

How much you need

The theoretical consumption is 599 g/m² at a 400 µm wet film. A 1.5 m wide cycle lane painted solid over 25 m is nearly 38 m², so one 25 kg pail is enough.

Application

The surface must be clean and dry, between 5 and 45 °C, with humidity below 80%. Thin by 3% at most. Leave new asphalt for 4-6 weeks, and apply the ATP PRIMER on concrete first.

Tougher option

For busy cycle lanes, the two-component version in the same colour is the ATP 2K-6024 (20 kg) or the ATP 2K-6024/10 (10 kg).

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 1K-6024



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-6024 consumption and coverage

Drawings and details · 2/3

Culoare: Verde, RAL 6024

Colour: Green, RAL 6024

ATP 1K-6024

RAL 6024

Verde / Green

Finisaj: Mat

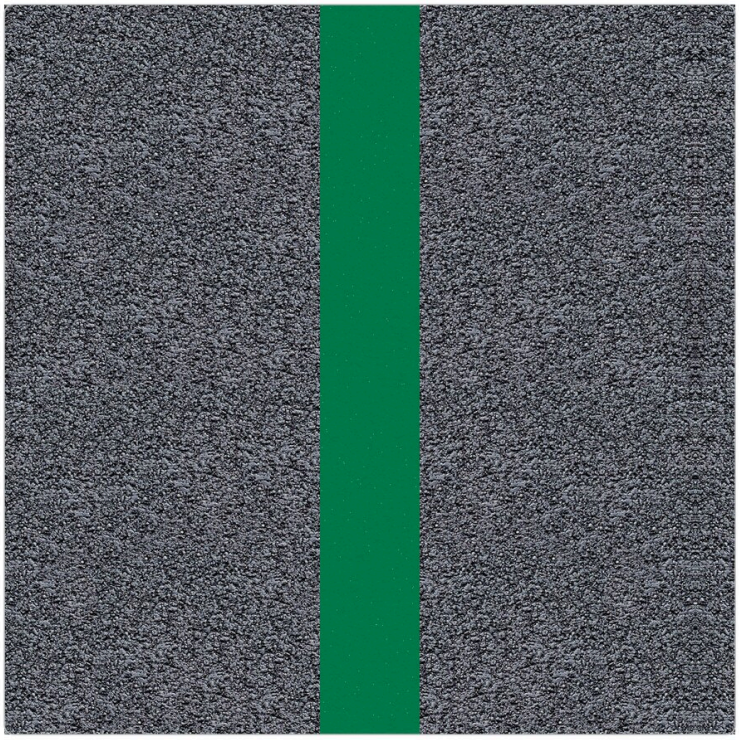
Finish: Matt

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-6024 colour

Drawings and details · 3/3

Aplicare
Application

ATP 1K-6024

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-6024 application