Two-Component Cold-Applied Road Marking Paint, Green (RAL 6024), 20 kg

RAL 6024 | Markings compliant with SR 1848-7:2015 / A91:2021



AT A GLANCE

- Two-component MMA cold plastic, traffic green RAL 6024.
- For cycle lanes and heavy-traffic markings.
- 20 kg, covers 10-13 m² (1.5-2 kg/m²).
- Solvent-free, UV-resistant pigments.

Product code	**ATP 2K-6024/20**
Category	**Road Marking Paint**
Weight	**20 kg**
Compliance	**Markings compliant with SR 1848-7:2015 / A91:2021**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/vopsea-pentru-marcaje-rutiere-bicomponenta-aplicata-la-rece-verde-ral-6024-20-kg

Technical specifications

Type	Two-component cold plastic (MMA), solvent-free
Colour	Green (RAL 6024)
Weight	20 kg
Use	Cycle lanes and heavy-traffic road markings
Binder	Methacrylic resin
Pigment	UV-resistant pigments
Density	1.8 ± 0.10 kg/l
Viscosity	110 ± 5 KU at 25 °C
Solid content	99% ± 1%
Flash point	21 °C
Theoretical coverage	1.5-2 kg/m²

Curing at +5 °C	2% catalyst; pot life 20 min; curing 55 min
Curing at +10 °C	1% catalyst; pot life 12 min; curing 40 min
Curing at +20 °C	1% catalyst; pot life 8 min; curing 30 min
Curing at +30 °C	1% catalyst; pot life 6 min; curing 20 min
Thinning	Do not thin
Application	By hand, with a rubber roller, on an area marked out with tape
Application conditions	Surface between +5 and +30 °C; temperature ≥ 5 °C above dew point
UV ageing	UV1
Retroreflection and skid resistance	Post-spray glass beads for immediate retroreflection and anti-skid material for skid resistance
Compatibility	Not applied over other paints, thermoplastic or marking tapes
New asphalt	Wait 4-6 weeks before applying
Tool cleaning	With road marking thinner; disposable rollers are recommended
Volatile organic compounds	0 (Directive 2010/75/EU)
Hazard classification	Danger: H225, H319, H315, H335, H317; professional product
Shelf life	24 months in the original sealed container, at +5 to +30 °C

Description

Traffic green RAL 6024 is the colour used for cycle lanes. But a cycle lane is not used only by bikes: cars cross it at junctions, driveways and car park entrances, and there a thin paint wears through in a few months. The ATP 2K-6024 is a two-component cold plastic based on methacrylic resin (MMA). It goes on as a thick coat with a roller and is made to last, even under heavy traffic.

How much lane per pail

Consumption is 1.5-2 kg/m², so the 20 kg covers 10-13 m². On a 1 m wide lane, that is 10-13 m of fully painted lane. For shorter stretches or repairs, the same paint comes in a 10 kg pail, the ATP 2K-6024/10.

How it goes onto the lane

Tape off the area. Stir the product with a mechanical stirrer, add the catalyst, 2% at +5 °C or 1% between +10 and +30 °C, and stir for at least another minute. Pour the material and spread it evenly with a rubber roller without breaking the film; the manufacturer recommends disposable rollers. Remove the tape before it fully cures. At +20 °C you have 8 minutes of working time, and the lane can reopen after about 30 minutes.

Surface preparation

The asphalt must be dry and clean, free from dust, oil, fuel, de-icing salt and old marking that no longer adheres. Do not apply it over other paints, thermoplastic or tapes. On new asphalt, wait 4-6 weeks. The surface must be between +5 and +30 °C, at least 5 °C above the dew point.

Grip and visibility

For grip under braking, drop anti-skid material onto the fresh coat. For night visibility, ATP AC90 glass beads, and for both, a mix of the two.

Technical data

- solvent-free, zero VOC, 99% solids;
- density 1.8 kg/l, viscosity 110 KU at 25 °C;
- 24-month shelf life in the sealed pail, at +5 to +30 °C;
- flammable, flash point 21 °C: work with gloves and safety glasses.

Other lane colours

Red, for the stretches you want to highlight: the ATP 2K-3020. White, with premixed beads, for symbols and lines: the ATP 2K-9016.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 2K-6024/20



Consum teoretic
Theoretical consumption

1,5-2 kg/m²

10–13,3 m² dintr-o găleată de 20 kg
10–13.3 m² from one 20 kg pail

Catalizare Catalysis

Temperatura Temperature	Catalizator Catalyst	Timp de lucru Pot life	Întărire Curing
+5 °C	2%	20 min	55 min
+10 °C	1%	12 min	40 min
+20 °C	1%	8 min	30 min
+30 °C	1%	6 min	20 min

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

ATP 2K-6024/20 consumption and coverage

Drawings and details · 2/3

Culoare: Verde, RAL 6024

ATP 2K-6024/20

Colour: Green, RAL 6024

RAL 6024

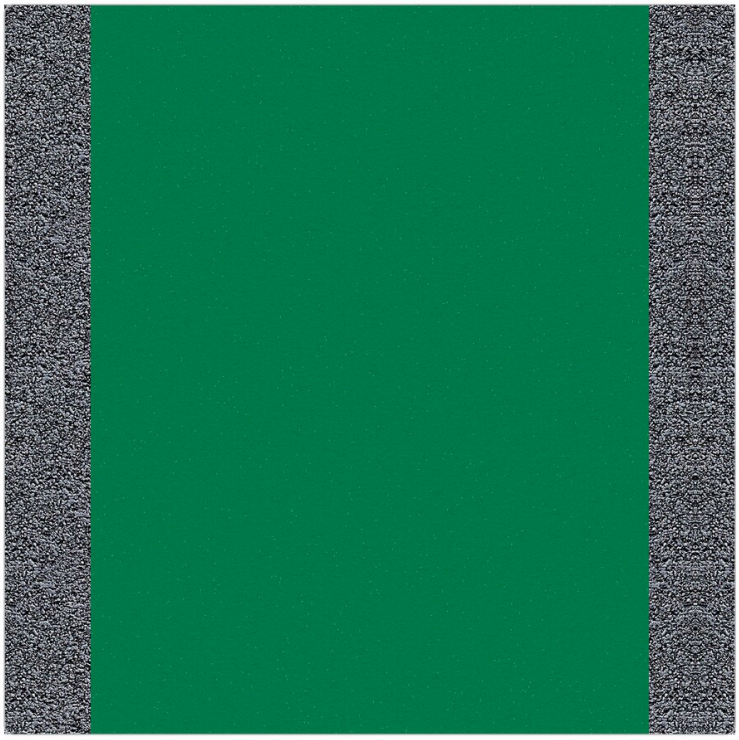
Verde / Green

Pigment: Pigmenți rezistenți la UV

Pigment: UV-resistant pigments

Îmbătrânire UV: UV1

UV ageing: UV1



Suprafață acoperită complet

Fully coated surface

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

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

ATP 2K-6024/20 colour

Drawings and details · 3/3

Aplicare
Application

ATP 2K-6024/20

Cum se aplică
How it is applied

Manual, cu rolă de cauciuc, pe suprafața delimitată cu bandă adezivă

By hand, with a rubber roller, on an area marked out with tape

Condiții
Conditions

Suprafață între +5 și +30 °C; temperatura cu ≥ 5 °C peste punctul de rouă

Surface between +5 and +30 °C; temperature ≥ 5 °C above dew point

Diluare
Thinning

Nu se diluează

Do not thin

Asfalt nou
New asphalt

Se așteaptă 4-6 săptămâni înainte de aplicare

Wait 4-6 weeks before applying

Microbile și aderență
Beads and grip

Se presară microbile de sticlă pentru retroreflexie imediată și material antiderapant pentru aderență

Post-spray glass beads for immediate retroreflection and anti-skid material for skid resistance

Compatibilitate
Compatibility

Nu se aplică peste alte vopsele, termoplastic sau benzi de marcaj

Not applied over other paints, thermoplastic or marking tapes

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

ATP 2K-6024/20 application