Two-Component Cold-Applied Road Marking Paint, Yellow (RAL 1023), 15 kg

RAL 1023 | Markings compliant with SR 1848-7:2015 / A91:2021



AT A GLANCE

- Two-component MMA cold plastic, yellow RAL 1023.
- For no-parking lines, temporary markings and yellow areas.
- 15 kg, consumption 1.5-2 kg/m².
- Solvent-free, applied by hand with a roller.

Product code	**ATP 2K-1023**
Category	**Road Marking Paint**
Weight	**15 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-galbena-ral-1023-15-kg

Technical specifications

Type	Two-component cold plastic (MMA), solvent-free
Colour	Yellow (RAL 1023)
Weight	15 kg
Use	No-parking lines, temporary markings and heavy-traffic yellow areas
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

On the road, yellow is the colour of no-parking lines and temporary markings (SR 1848-7). In company yards, warehouses and car parks, a yellow marking stands apart from the white ones and shows the areas that must be kept clear. The ATP 2K-1023 is a yellow road marking paint: an MMA-based two-component cold plastic, solvent-free. It goes on as a thick coat with a roller and lasts where ordinary paint wears off fast.

Technical data

- methacrylic resin, 99% solids, zero VOC;
- density 1.8 kg/l, viscosity 110 KU at 25 °C;
- flash point 21 °C;
- 24-month shelf life in the sealed pail.

Curing

Once the catalyst is in, you have 20 minutes of working time at +5 °C (with 2% catalyst), 12 at +10 °C, 8 at +20 °C and 6 at +30 °C (with 1%). The marking cures in 55, 40, 30 and 20 minutes respectively, and the area stays closed until then.

Consumption and application

1.5-2 kg/m²: a 15 kg pail covers 7.5-10 m², or 50-66 m of a 15 cm wide line. Tape off the area, pour the catalysed material and spread it with a rubber roller, preferably a disposable one. Do not thin it, and do not apply it over other paints, thermoplastic or tapes.

Grip and visibility

For retroreflection, drop ATP AC90 glass beads onto the fresh coat; for grip under braking, anti-skid material. A mix of the two gives both grip and retroreflection.

Safety

It is a professional, flammable product that can irritate the skin, eyes and airways. Work outdoors with gloves and safety glasses, and clean the tools with road marking thinner.

Other colours

White, with premixed beads: the ATP 2K-9016. Red: the ATP 2K-3020. Green: the ATP 2K-6024 (20 kg) and ATP 2K-6024/10 (10 kg). The same yellow as a cheaper one-component paint: the ATP 1K-1023.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 2K-1023



Consum teoretic
Theoretical consumption

1,5-2 kg/m²

7,5–10 m² dintr-o găleată de 15 kg
7.5–10 m² from one 15 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-1023 consumption and coverage

Drawings and details · 2/3

Culoare: Galben, RAL 1023

Colour: Yellow, RAL 1023

ATP 2K-1023

RAL 1023

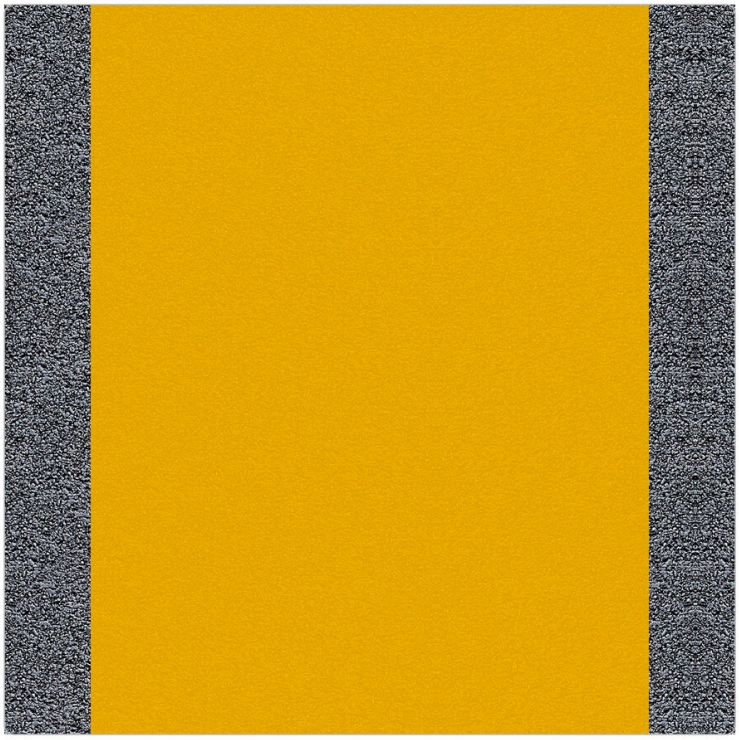
Galben / Yellow

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-1023 colour

Drawings and details · 3/3

Aplicare
Application

ATP 2K-1023

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-1023 application