Two-Component Cold-Applied Road Marking Paint, White (RAL 9016), 15 kg

RAL 9016 | Markings compliant with SR 1848-7:2015 / A91:2021



AT A GLANCE

- Two-component MMA cold plastic, white RAL 9016, solvent-free.
- Glass beads premixed in the product.
- For heavy-traffic road markings and cycle lanes.
- 15 kg, consumption 1.5-2 kg/m².

Product code	**ATP 2K-9016**
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-alba-ral-9016-15-kg

Technical specifications

Type	Two-component cold plastic (MMA), solvent-free
Colour	White (RAL 9016)
Weight	15 kg
Use	Heavy-traffic road markings and cycle lanes
Binder	Methacrylic resin
Pigment	Titanium dioxide
Glass beads	Premixed in the product
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	Below 3% by weight (Swiss VOC ordinance)
Hazard classification	Danger: H225, H319, H315, H335, H317; professional product
Shelf life	6 months in the original sealed container, at +5 to +30 °C

Description

The ATP 2K-9016 is a white road marking paint: a two-component cold plastic based on methacrylic resin (MMA), solvent-free. It is used on roads, in car parks and on cycle lanes, wherever ordinary paint wears off fast: pedestrian crossings, stop lines, arrows, symbols and edge lines. Unlike the other colours, it has glass beads premixed in the product, so the marking is easy to see by day and at night, even in rain.

Catalyst and working time

First stir the product with a mechanical stirrer, not with sticks or other tools, then add the catalyst and mix for at least one minute. The amount depends on the surface temperature: 2% at +5 °C, 1% between +10 and +30 °C. Too little catalyst, or catalyst that is poorly mixed, gives a marking that gets dirty easily and wears faster.

Consumption

1.5-2 kg/m², so a 15 kg pail covers 7.5-10 m² of symbols and lines.

Application

Tape off the outline of the marking, pour the catalysed material and spread it evenly with a rubber roller, then remove the tape before it fully cures. Do not thin. The surface must be dry, clean and between +5 and +30 °C, and new asphalt should be left for 4-6 weeks. At +20 °C, the marking cures in about 30 minutes.

Grip and immediate retroreflection

For immediate retroreflection, the manufacturer recommends also dropping ATP AC90 beads onto it, and for grip under braking, anti-skid material.

Storage and safety

The white keeps for 6 months in the sealed pail at +5 to +30 °C, so it is best ordered close to the job. It is flammable, with a flash point of 21 °C, and contains under 3% volatile organic compounds. Work with gloves and safety glasses.

Other colours

Green for the lane: the ATP 2K-6024 and ATP 2K-6024/10. Red: the ATP 2K-3020. Yellow: the ATP 2K-1023. A cheaper one-component option: the ATP 1K-9016.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP 2K-9016



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-9016 consumption and coverage

Drawings and details · 2/3

Culoare: Alb, RAL 9016

ATP 2K-9016

Colour: White, RAL 9016

RAL 9016

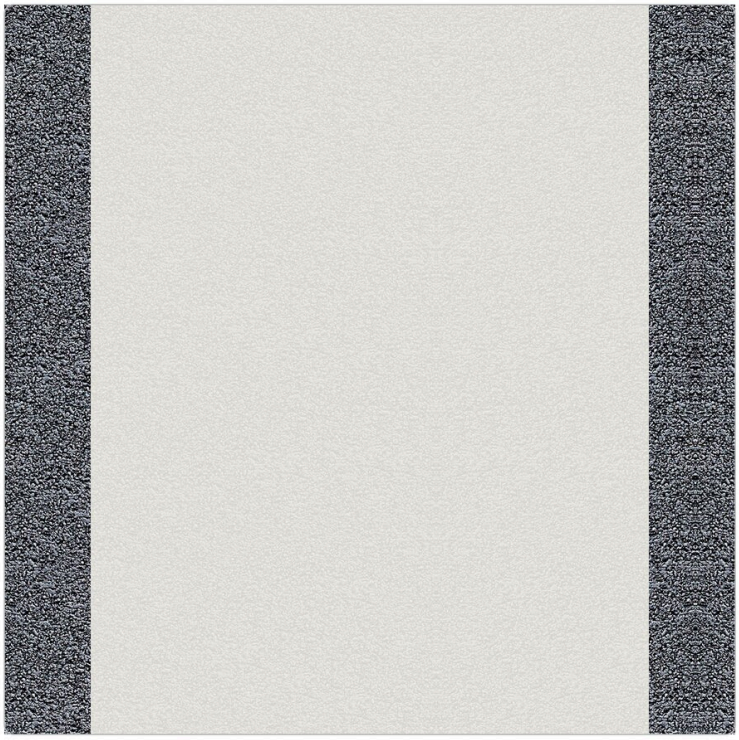
Alb / White

Pigment: Dioxid de titan

Pigment: Titanium dioxide

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-9016 colour

Drawings and details · 3/3

Aplicare
Application

ATP 2K-9016

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-9016 application