Primer for Road Marking Paint, Clear, 5 l



AT A GLANCE

- Clear solvent-based acrylic primer.
- 5 l can.
- For concrete and old or polished asphalt, before painting.
- Professional product, highly flammable.

Product code	**ATP PRIMER**
Category	**Road Marking Paint**
Weight	**5 kg**

This product on attotrafic.ro
https://attotrafic.ro/en_US/products/amorsa-pentru-vopsea-rutiera-transparenta-5-l

Technical specifications

Type	Solvent-based acrylic primer
Binder	Pure acrylic resin
Colour	Clear (colourless)
Finish	Gloss (50+ GU at 60°)
Quantity	5 l
Weight	4.5-5 kg net (5 l × 0.9-1.0 kg/l)
Density	0.9-1.0 g/cm³ at 25 °C
Solids	30% ± 2% by weight; 26% ± 2% by volume
Viscosity	60-70 KU at 25 °C
Kinematic viscosity	< 20.5 mm²/s at 40 °C
Theoretical coverage	250-300 g/m²; may be higher with manual application
Substrate	Concrete and worn asphalt (as a primer); indoor markings (as a sealer)
Compatibility	Solvent-based paints, cold plastic (MMA), hot-applied and preformed thermoplastic
Application	Airless or air-assisted machines; by hand (as a primer only): handgun, brush or roller; thin, even coat, no ponding

Thinning	Machine: up to 30% with solvent-based thinner; by hand: do not thin
Application conditions	Surface 5-45 °C, air ≥ 5 °C, RH ≤ 80%
Drying time	10-15 min at 20 °C (primer); 15-20 min at 25 °C (sealer)
New asphalt and concrete	New asphalt: after 4-6 weeks; new concrete: fully cured
Flash point	-18 °C
VOC content	632.13 g/l (limit 750 g/l, Directive 2004/42/EC)
Solubility	Insoluble in water, soluble in organic solvents
Hazards (CLP)	Highly flammable liquid and vapour (H225); serious eye irritation (H319); may cause drowsiness or dizziness (H336)
Use	Professional
Shelf life	12 months from manufacture, in the original sealed pail, at 5-30 °C

Description

Road marking paint bonds well to ordinary asphalt. On concrete, though, or on very old asphalt polished by traffic, it can peel off in the first winter without a primer. The ATP PRIMER is applied first, so the paint has something to grip: a clear, solvent-based acrylic primer.

Technical data

- theoretical coverage 250-300 g/m², so a 5 l can covers about 15-20 m² (more may be needed by hand);
- dries in 10-15 minutes at 20 °C;
- colourless liquid, 5 l;
- density 0.9-1.0 g/cm³, so 4.5-5 kg net;
- insoluble in water, soluble in organic solvents;
- VOC 632 g/l, below the 750 g/l limit of Directive 2004/42/EC.

When you need it

The data sheets of the ATP 1K-9016 and ATP 1K-1023 acrylic paints call for a primer on concrete and on very old or polished asphalt; on ordinary asphalt in good condition it is usually not needed. It also goes under cold plastic (MMA) and under hot-applied or preformed thermoplastic. On new asphalt wait 4-6 weeks, and new concrete must be fully cured. The manufacturer still recommends a trial on a small area before the job.

How to apply it

With a line marking machine (airless or air-assisted), thinned with at most 30% solvent-based thinner, or by hand, unthinned, with a brush, roller or handgun: a thin, even coat, well spread, with no ponding. Work with the surface at 5-45 °C, the air at 5 °C or more and humidity of at most 80%. The paint calculator gives the quantity for your job, under "Primer".

Safety

It is a professional product, highly flammable, with a flash point of -18 °C. It causes serious eye irritation and may cause drowsiness or dizziness, so work outdoors or with good ventilation, with gloves and safety glasses, away from flames and sparks.

After the primer

The marking paint goes on once the primer has dried: white, the ATP 1K-9016, or a colour such as the ATP 1K-6024.

Drawings and details · 1/3

Consum și acoperire
Consumption and coverage

ATP PRIMER



Consum teoretic
Theoretical consumption

250–300 g/m²

≈ 15–20 m² dintr-o cutie de 5 l
≈ 15–20 m² from one 5 l can

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

ATP PRIMER consumption and coverage

Drawings and details · 2/3

Unde se folosește
Where it is used

ATP PRIMER

Suport
Substrate

Beton și asfalt uzat (ca amorsă)
Concrete and worn asphalt (as a primer)

marcaje de interior (ca sigilant)
indoor markings (as a sealer)

Compatibil cu
Compatible with

Vopsele pe bază de solvent
Solvent-based paints

plastic la rece (MMA)
cold plastic (MMA)

termoplastic aplicat la cald
hot-applied

preformat
preformed thermoplastic

Asfalt și beton nou
New asphalt and concrete

Asfaltul nou: după 4-6 săptămâni; betonul nou: complet întărit
New asphalt: after 4-6 weeks; new concrete: fully cured



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

Where ATP PRIMER is used

Drawings and details · 3/3

Aplicare
Application

ATP PRIMER

Cum se aplică
How it is applied

Mașini airless sau cu aer asistat; manual (doar ca amorsă): pistol, pensulă sau rolă; strat subțire și uniform, fără bălți

Airless or air-assisted machines; by hand (as a primer only): handgun, brush or roller; thin, even coat, no ponding

Condiții
Conditions

Suprafață 5-45 °C, aer ≥ 5 °C, umiditate ≤ 80%

Surface 5-45 °C, air ≥ 5 °C, RH ≤ 80%

Timp de uscare
Drying time

10-15 min la 20 °C (amorsă); 15-20 min la 25 °C (sigilant)

10-15 min at 20 °C (primer); 15-20 min at 25 °C (sealer)

Diluare
Thinning

Cu mașina: maximum 30%, cu diluant pe bază de solvent; manual: nu se diluează

Machine: up to 30% with solvent-based thinner; by hand: do not thin

Valabilitate
Shelf life

12 luni de la fabricație, în ambalajul original sigilat, la 5-30 °C

12 months from manufacture, in the original sealed pail, at 5-30 °C

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

ATP PRIMER application