# Two-Component Cold-Applied Road Marking Paint, Red (RAL 3020), 15 kg

**RAL 3020** | Markings compliant with SR 1848-7:2015 / A91:2021




## AT A GLANCE

- Two-component MMA cold plastic, red RAL 3020.
- For road markings and coloured heavy-traffic areas, cycle lanes included.
- 15 kg, consumption 1.5-2 kg/m².
- Solvent-free, 24-month shelf life.

| | |
|---|---|
| Product code | **ATP 2K-3020** |
| 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-rosie-ral-3020-15-kg**

## Technical specifications

| | |
|---|---|
| **Type** | Two-component cold plastic (MMA), solvent-free |
| **Colour** | Red (RAL 3020) |
| **Weight** | 15 kg |
| **Use** | Heavy-traffic road markings and cycle lanes |
| **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

The ATP 2K-3020 is a red road marking paint: an MMA-based two-component cold plastic, solvent-free and with UV-resistant pigments. Red is used on trafficked surfaces you want to highlight: warning areas, coloured lanes, entrances to pedestrian zones and high-risk zones with many pedestrians, such as outside schools (SR 1848-7). Where a cycle lane crosses the carriageway, the marking is green. These are also the hardest-worked areas, so the paint has to last.

### 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 a coloured strip 1 m wide and 7.5-10 m long. 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

For an area where vehicles brake, drop anti-skid material onto the fresh coat. A mix of anti-skid material and ATP AC90 glass beads 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

Green for the lane: the ATP 2K-6024 (20 kg) and ATP 2K-6024/10 (10 kg). White, with premixed beads: the ATP 2K-9016. Yellow: the ATP 2K-1023.

## Drawings and details · 1/3

### Consum și acoperire
Consumption and coverage

**ATP 2K-3020**




**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<br>Temperature | Catalizator<br>Catalyst | Timp de lucru<br>Pot life | Întărire<br>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-3020 consumption and coverage

## Drawings and details · 2/3

### Culoare: Roșu, RAL 3020

**ATP 2K-3020**

Colour: Red, RAL 3020



**RAL 3020**

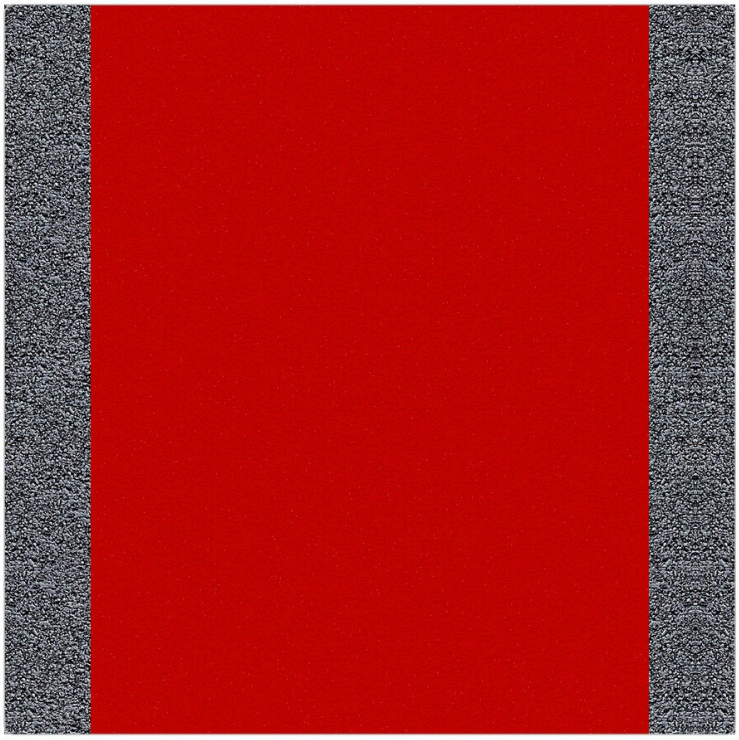
Roșu / Red

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-3020 colour

## Drawings and details · 3/3

### Aplicare
Application

**ATP 2K-3020**

#### 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-3020 application