



## LUMINOKROM® Vision + Luminescent paint for urban road Almond Green

### LuminoKrom®, « light guide » for night-time soft mobility

Luminescent paint marking improves the safety of soft mobility in the dark by :

- **WARNING** users when approaching to dangerous areas such as crossroads or hazardous obstacles
- **GUIDING** cyclists and pedestrians in unlit areas by creating a luminous path



### USES\*

- Greenways and cycle paths
- Sidewalks and curbs
- Animation marking on roadways in pedestrian and "Meeting areas"
- Chicanes, concrete slides

\*Metropolitan French areas only – To be validated for any other area.

### BENEFITS

- No electricity consumption, no CO2 emission. Captures daylight and glows at night
- 40 times cheaper than public lighting installation
- Easy to implement
- Patented technology, laureate of ADEME « Road of the future »
- 2019 Label of Innovation by the French Road and Streets Innovation Committee (IDRRIM / Cerema)

### GUARANTEED PERFORMANCE OliKrom Inside®

- Colour Day / Night : green almond / green
- High anti-slipperiness (Standard NF EN1436) : **SRT > 0.50** (0.70 with addition of aggregates)
- Luminescence (CE Standard ISO17398) : **Class G**  
(+3000 mcd/m<sup>2</sup> at 2min ; +80 mcd/m<sup>2</sup> at 1h - tested by a certified laboratory).

With undercoat	
Dosage for white undercoat	400g-600g/m <sup>2</sup>
LuminoKrom® dosage	800 g/m <sup>2</sup>
Drying time	30 min undercoat
	45 min LuminoKrom®



## Application

The application of LuminoKrom® Vision+ paint is simple. The instructions below must be followed to guarantee the technical characteristics.

**Product nature** : Solvent-borne road marking paint, free of toluene and free of lead.

**Support material** : Asphalt, concrete (bituminous or cement), clean and dry

### Conditions of application

Support material temperature:  $10^{\circ}\text{C} < T < 40^{\circ}\text{C}$

Ambient temperature :  $15^{\circ}\text{C} < T < 40^{\circ}\text{C}$

Humidity condition :  $< 85\%$

### Surface preparation (hydrocarbon, concrete)

The coating must be at least four weeks old before application. It must be dry, clean, free of any pollution, not having moisture rising by capillarity and having a roughness sufficient for the coating to bond.

### Operating mode

1. Apply a first coat of white paint at a dosage of 400-600 g / m<sup>2</sup>.
2. Let it dry for 30 minutes.
3. Clean the machine with the rinsing solvent.
4. Homogenize the LuminoKrom® paint before applying.
5. Apply the LuminoKrom® paint coat at a minimum dosage of 800g / m<sup>2</sup>. Add aggregates if SRT > 0.70 is needed.
6. Let it dry for 45 minutes.

**LuminoKrom® product preparation** : The LuminoKrom paint is ready to use. If applied at ambient temperature  $< 15^{\circ}\text{C}$ , can be diluted to less than 5% with acetone or ethyl acetate.

**Recommended application material** : Recommended settings for airless spray machine

Band (recommended nozzle) : 6 cm – 10 cm (4.21), 15 cm (5.31)

Recommended pressure : 120 bars

Recommended application speed : between 1.5 to 2 km/h (1 to 1.2 mph)

**Tool cleaning** : Acetyl-based solvent

**Storage conditions** : Store in a warm place in the days preceding the application. The pot life is of several months in its original unopened packaging, protected from all sources of heat, frost and humidity. In case of doubt contact OliKrom.

### Waste disposal

Flammable product for professional use only.

Do not throw in the environment. Soiled packaging is Special Industrial Waste to be treated according to the current regulations.

Refer to the safety data sheet.

**Packaging** : 10kg / 20kg

**Reminder** : (See complete General Sales Conditions on [www.luminokrom.com](http://www.luminokrom.com)) :

- **Liability**: OLIKROM SAS shall not be held liable for any use of the Products that does not comply with their technical specifications and labelling.
- **Communication**: the buyer undertakes to mention the LuminoKrom brand as soon as he publishes on any medium any content related to the Products or their properties.