

PHOTOLUMINESCENT LINE MARKING · WATER-BASED · OUTDOOR AND INDOOR

LuminoKrom Photoluminescent Paint

LuminoKrom charges off daylight and gives it back after dark. A marking laid at the specified dosage stays visible for up to 10 hours a night, draws no power and keeps working through an outage. Patented pigment technology, made in France, deployed on more than 450 sites since 2018.



10 H

Night-time visibility,
Almond Green

CLASS G

Certified to CE ISO 17398

900

Applied dosage, g/m²

Where it is used

- CYCLE PATHS AND GREENWAYS: centre and edge lines on unlit routes.
- PEDESTRIAN ROUTES: footpaths, shared zones and school approaches.
- HAZARD MARKING: kerbs, step nosings, level changes and chicanes.
- CROSSINGS AND CAR PARKS: crossings, bays and circulation routes.
- INDUSTRIAL AND LOGISTICS: walkway edges, loading areas and traffic lanes where an outage takes the lighting with it.
- ANYWHERE WITHOUT POWER: remote paths, reserves, foreshores and temporary works with no supply on site.



THE RANGE · THREE COLOURS · 5, 10 AND 20 KG

Range and specifications

One paint, three colours. Almond Green is the high-performance option at Class G and 10 hours. White and Yellow are Class E and 6 hours, and are chosen where the daytime colour of the marking matters more than maximum glow duration.

Technical data

SPECIFICATION	VALUE
Product	Water-based photoluminescent marking paint
Almond Green	10 hours night-time visibility, Class G
White	6 hours night-time visibility, Class E
Yellow	6 hours night-time visibility, Class E
Luminance, Almond Green	Over 3000 mcd/m ² at 2 min, over 80 at 1 h
Certification	CE ISO 17398
Recharge time	15 minutes at 1000 lux
Visibility range	Up to 70 m in unlit areas
Pack sizes	5 kg, 10 kg and 20 kg
Applied dosage	900 g/m ² of LuminoKrom
Coverage	5.5 m ² / 5 kg, 11 m ² / 10 kg, 22 m ² / 20 kg
Undercoat	White, 400 to 600 g/m ²
Substrates	Asphalt, concrete, cement, plasterboard
Slip resistance	SRT over 0.50 to NF EN 1436
Service life	5 to 10 years before reapplication

- **ALMOND GREEN IS THE 10 HOUR COLOUR**

Only Almond Green carries Class G. If the specification calls for 10 hours of night-time visibility, White and Yellow will not meet it. Check the colour against the requirement before ordering.





APPLICATION • CONDITIONS, DOSAGE AND DRYING

Applying the paint

The luminescence you get is decided by the white undercoat beneath the paint and the film thickness of the paint itself. Hit both and the marking performs to class. Miss either and it shows the first night.

Conditions, dosage and drying

STEP	REQUIREMENT
Substrate temperature	10 to 40 degrees C
Ambient temperature	15 to 35 degrees C
Maximum humidity	85 per cent
Rain	No rain forecast within 48 hours
Substrate age	Minimum 4 weeks, new concrete or asphalt
Substrate condition	Dry, clean, free of dust, oil and loose material
Undercoat	White water-based, minimum 400 g/m ²
LuminoKrom dosage	900 g/m ² minimum
Coats by brush	2 to 3 thick coats, zig-zag, finish one way
Coats by roller	3 to 4 coats, 6 to 8 mm short pile
Between coats	2 hours minimum
Touch dry	30 minutes
Reopen to traffic	48 hours
Dilution	None, ready to use

• UNDERDOSING SHOWS UP AT NIGHT

Thin, uneven paint or a worn, cracked or missing white undercoat visibly reduces the glow, and no amount of extra LuminoKrom on top fixes it. Overdosing does not improve performance either. Reapply the white undercoat over old markings unless the existing white is genuinely sound.





ORDERING • PART CODES AND SAFETY

Ordering and safety

All nine part codes below are the water-based outdoor paint. Pails ship from Victoria. Talk to us about lead time before you commit to a site date.

Order codes

PART CODE	DESCRIPTION
LK-WBO-AG-5KG	Almond Green, 5 kg pail
LK-WBO-AG-10KG	Almond Green, 10 kg pail
LK-WBO-AG-20KG	Almond Green, 20 kg pail
LK-WBO-WHT-5KG	White, 5 kg pail
LK-WBO-WHT-10KG	White, 10 kg pail
LK-WBO-WHT-20KG	White, 20 kg pail
LK-WBO-YEL-5KG	Yellow, 5 kg pail
LK-WBO-YEL-10KG	Yellow, 10 kg pail
LK-WBO-YEL-20KG	Yellow, 20 kg pail

Handling and safety

ITEM	DETAIL
Classification	Not classified as hazardous
Storage	Cool, dry and frost free, sealed
Before use	Store warm, mix thoroughly in the pail
Waste	Soiled packaging is industrial waste

● SAFETY DATA SHEET

A full Safety Data Sheet is issued by the manufacturer and is available from GO Industrial on request. Clean tools with water. Avoid splashing tools over kerbs or vegetation, because any splash will glow at night.

