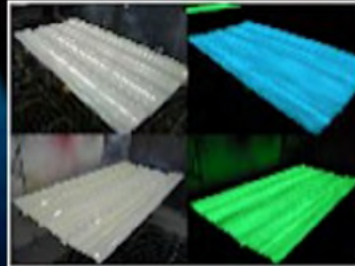


Catalogue

Photoluminescent products
for signalisation and decoration

STARDUSTCOLORS



www.phosphorescentpaint.co.uk

Photoluminescent adhesive band LLL

Low Location Lighting

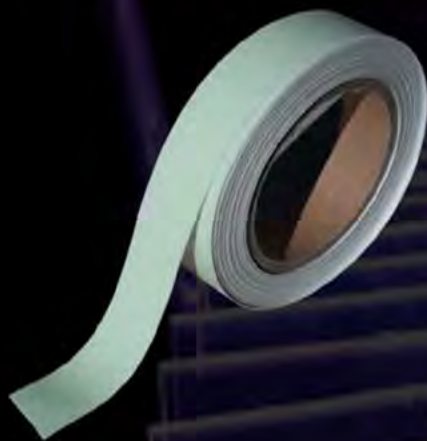
The Low Location Lighting or emergency guidance must provide coherent and easy informations to inhabitants, in order to lead them in a specific gathering place or an exit to the outside of the building. NF X08-050-2

The adhesive photoluminescent band is very efficient product, with fast installation, and very affordable cost. The inside face is highly adhesive and protected by a film.

Use: Low areas guidance, doors, stairs, direction signs, obstacles signs.

Material: flexible vinyl PVC.

Resistance: Excellent resistance properties to flammability and fire, high weatherability (water, salty smog, cleaning, abrasion)



Dimensions:

2.5cm x 10m
2.5cm x 25m

5cm x 25m
10cm x 25m

Luminosity: the LLL strip is a superior class D product (test according DIN 67 510 partie 1)

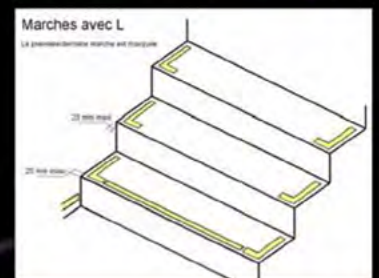
Class D (Ref: YmAP-D): 2 mins: 1455, 10 mins: 331.6, 60 mins: 45.2, 5615mins

Other specific luminosity are also available: Class C,
Class E (Ref: YmAP-S): 2 mins: 2853, 10 mins: 706, 60 mins: 121, 8530mins
Class C (Ref: YmRP-L): 2 mins: 847, 10 mins: 208, 60 mins: 51, 2380mins
LLL strips made with rigid PVC or metal with higher specific luminosity are also available.

Special options (order only)

Also available in aluminum/stainless steel/rigid PVC

- 1) different kinds of aluminum or different kinds of steel are available
- 2) the aluminum or steel with different thickness are available
- 3) the matte surface and shining surface are both available
- 4) the backing can be adhesive according to requirement



Anti slide Photoluminescent Adhesive Band

Anti slide band are destined to stairs and path presenting a risk of Sliding. The item has an exclusive double use : It allows a perfect visibility by glowing in the dark and also avoids people from falling on wet stairs or floors.

Anti slide bands are adhesive over numerous substrates and highly resistant.

Their glow intensity is not as high as other photoluminescent product (class B)

Dimensions : 5cm x 20m

Emitting color: Green

Resistance: Medium traffic resistance.

Use : Outdoors/Indoors

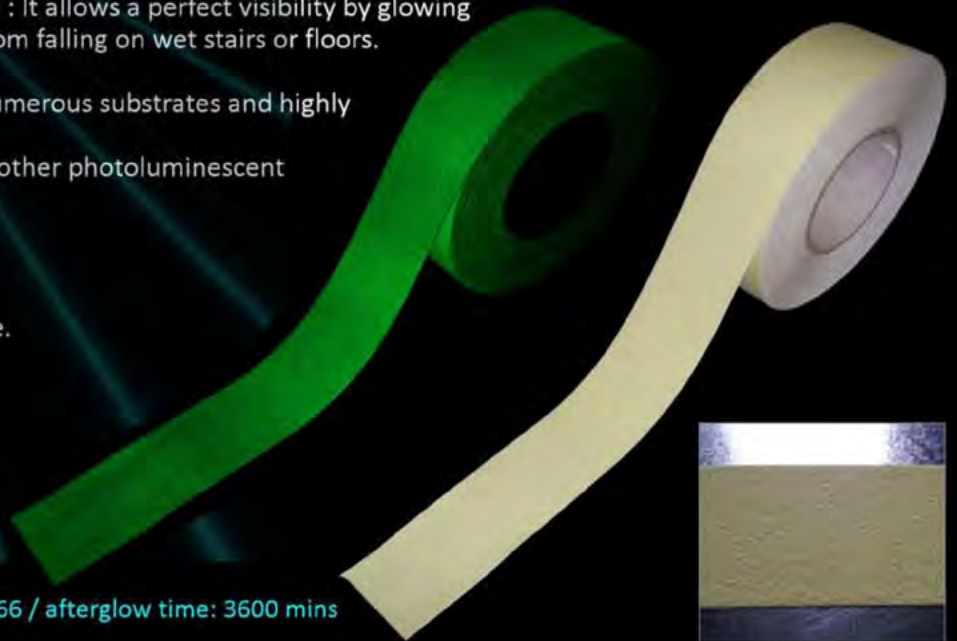
Lifetime: 1 - 3 years

Glow decay

(test according DIN67510 Part 1.) :

Classe B :

2 mins: 1420 / 10 mins: 330 / 60 mins: 66 / afterglow time: 3600 mins



Self adhesive photoluminescent band with arrows

The arrow photoluminescent band create a efficient guidance to the emergency exit in case of light extinction.

It shows a very high photoluminescence (Class D).

At its back there is an adhesive side, that allows a fast and durable installation.

Destination: Building, parking, Stairs and halls. Indoors or outdoors.

Not recommended for high traffic floors.

Type: Vinyl PVC

Aspect: white semi gloss with green arrow.

Emitting color by night: Green with black arrow

Dimensions: 20m x 5cm



Luminosity measurement as below:

2 mins: 1132 / 10 mins: 271 / 60 mins: 59 / afterglow time: 3600 mins



Adhesive arrows

Can be fabricated according requirements:

Options:

PVC or metal

Glossy or mat finish

Any size and luminance

Any colors and design



Photoluminescent wall Aluminium marking sign

Luxurious material, very easy to install, highest resistance and luminosity.

These luxurious photoluminescent item is composed of two parts: An aluminium profile and a photoluminescent pvc insert band.

These band can be printed according any design (arrows, running man, lettering...)



Usage: applicable to walls and tunnels

Material: Aluminium structure with rigid PVC photoluminescent insert (the inside size is available either made with aluminum or rigid PVC)

Surface: matte surface and shinning surface both are available

Dimension: Endcap:1000mm(L)*92mm(W)*1.3mm(T)

Sign:1000mm(L)*80mm(W)*1.0mm(T)

Emitting color: Green

Luminosity: (tests according to DIN67510 Part 1.)

(mcd/m2): Ref (YmAP-S)

Standard (YmRP-D) GREEN:

2mins: 1132, 10mins: 271, 60mins: 59,

Ext: 3600mins

Supérieur (YmAP-S) GREEN:

2mins: 2853, 10mins: 706, 60mins: 121,

Ext: 8530mins



Photoluminescent wall Aluminium self adhesive band

The glow wall band has a 3M adhesive backing and has great properties such as:

Super strong material, rapid to install, high luminosity.

Use:

Applicable to walls and tunnels, over all plane and glossy surfaces

Material: Flexible band made of Aluminium/stainless steel and photoluminescent layers

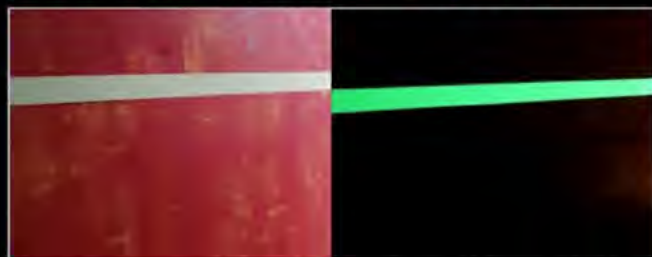
flat/mat aspect

Heat resistance: 80°c. Emitting color: GREEN

Dimensions: 1000mm(L)*50mm(W) or 1200mm(L)*200mm(W)

Luminosity: (tests according to DIN67510 Part 1.)(mcd/m2): Ref (YmAP-S)

2 mins: 2853 / 10 mins: 706 / 60 mins: 121 / afterglow time: 8530 mins



Remarks:

- 1)different kinds of aluminum or different kinds of steel are available
- 2)the aluminum or steel with different thickness are available
- 3)the matte surface and shinning surface are both available
- 4)the backing can be adhesive according to requirement

See our full product line at www.phosphorescentpaint.co.uk

Photoluminescent Vinyl PVC Adhesive

For the cutting and printing of photoluminescent signaling devices

Description:

Our photoluminescent rolls are glowing in the dark, after having being charged with light. Their luminescence lasts longer than 10 years. They can easily be cut and printed thanks to all printing techniques.

Standard: Products compliant with NF X 08-050-2

For safety signals, the minimum requirement in Europe is class C. We propose class C or higher (up to G) products.

Dimensions: Our standard size rolls are 1m wide and 25m long.

Cut sheets available on request.

Fire resistance (NF EN 60695-2-10)

Bad weather resistance (NF EN ISO 4892-2)

Resistance to abrasion and water (NF EN ISO 7784-3)

Saline mist resistance (NF EN ISO 9227)

Resistance to cleaning (NF EN ISO 105-X12)

Application: On clean, dry, dust and grease free substrates and backgrounds.



Photoluminescent panels and sheets

We produce photoluminescent panels, rigid, blank or pre-printed:

in different materials:

PVC, Aluminium or Stainless steel (for extreme outdoors conditions)

in different sizes:

A4, 15x35cm, A3, 1sqm (in stock), or other sizes according to requirements

in different luminous intensities:

from class B to G (low intensity to super strong)



PVC

ALUMINIUM

STEEL

Photoluminescent emergency boards signs

An unfaillable safety lightning with no needs of maintenance



The boards and adhesives signs are storing all type of light very rapidly and are re-emitting it under a photoluminescent glow for a long period of time (much longer than the storing time).

The products do not necessit maintenance, neither electrical supply. Ther lifetime is estimated to 7-10 years.



Our products have good resistance to fire, salty smog, cleaning (resistant inks), abrasion

Standards:

In Europe, the glow safety signs characteristics are specified according the standard NF X 08-050-1:

The minimal required is class C. All our products are class D (50% higher than class C).

The photoluminescent direction signals may be either positionned above the Luminescent ligh band (separated with a maximal 10 cm length), or within the band. When they are exposed to light, their color must be green and white. Photoluminescent sign boards must be made of the same color as the bands to ensure a good visual coherence. In all case, the maximale distance between 2 signs should be no more than 5 meters.

Obstacle signalisation: Walls corners, pilars, levels shifts,..., must be signalized by stripped band with a minimale length of 25mm.



Photoluminescent signs and boards



Nous proposons des modèles en stock et disponibles immédiatement:



Models 15 x 30cm



Adhesives:

Properties for the standard models in stock:

Dimension : L 20 cm x l 15 cm. Thickness: 0.5mm

Material: Vinyl PVC / Surface: Matte

Emitting color: Green. Life time 7 years

Very good adhesion over plane surface like paints, steel, wood...

Remark: Functional in heat and coldness at the temperature range of -20 to 50°C. Outdoore/Indoors

Luminance measures (Tests according DIN67510 Part 1):

CLASS D: 2mins: 672 / 10 mins : 158 34 2250 mins

PVC boards:

Properties for the standard models in stock:

Dimension : L 35 cm x l 15 cm or L 29cm x 21cm. Thickness: 1mm

Material: rigid PVC / Surface: Matte

Emitting color: Green. Life time: 10 years

Remark: Functional in heat and coldness at the temperature range of -20 to 50°C. Outdoore/Indoors

Luminance measures (Tests according DIN67510 Part 1):

CLASS D: 2mins: 672 / 10 mins : 158 34 2250 mins



Model 15 x 20cm

Our signs are in conformity with te NF X 08-003-1 regulation

Special order and customized production (on demand):

- higher intensity (Classe E, F)
- All dimensions up to 1 m are also available
- All lettering and picture. 4 printing colors.
- Evacuation sign printing



Aluminium texture grumelée



See our full product line at www.phosphorescentpaint.co.uk

Reflective and photoluminescent band

These outstanding band owns the double properties of light reflectivity (superior Diamond honeycombs microballs grade) and photoluminescence (light storing class D): That makes the band remain highly visible in any situation. Thanks to its microballs, the band reflects car headlight up to 250m; while in total absence of light, it shows an intense green phosphorescent glow which can last up to 12hours after only 30minutes of light exposition to natural or electrical light.

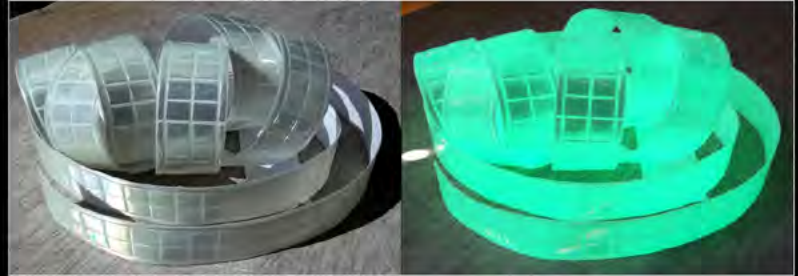
Composition: PET flexible plastic

Use/Destination: Clothes, various substrates, indoors or outdoors.

Aspect: Glossy - Emitted color: Green

Application: Sew or glue

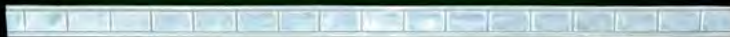
Glow life time : More than 10 years



Available dimensions:

Roll: 50m x 2 cm, Self Adhesive

Roll: 50m x 2 cm, Non Adhesive



Band: 90cm x 2 cm, Self Adhesive

Band: 90cm x 2 cm, Non Adhesive



Roll: 50m x 3 cm, Non Adhesive

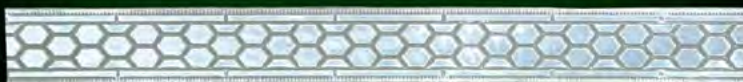


Band: 90cm x 3 cm, Non Adhesive



Roll: 50m x 5cm, Self Adhesive

Roll: 50m x 5 cm, Non Adhesive



Band: 90cm x 5 cm, Self Adhesive



Band: 90cm x 5 cm, Non Adhesive

Luminance (According DIN67510 Part 1.) : Measures superior to european standards

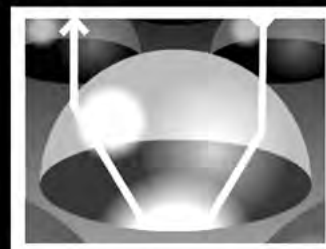
Class D: 2mins: 2412, 10mins: 317, 60mins: 97, Afterglow: 5615mins

Retroreflection - Class B

High Intensity - 250m

Retroreflective Technologies return light directly to its source by focusing light through a spherical, glass optical element, like a bead. Retroreflective surfaces differ from 'mirror' or 'diffusion' reflection.

According to a report, it has also been proven that a truck retrofitted with outline reflective markings can reduce rear end collisions by up to 41 percent and side collisions by up to 37 percent. Reflective Tapes are used worldwide for truck markings to help combat this issue. These '**honeycombs**' classe B band deliver outstanding truck visibility up to 250m and continuous protection



Millions of glass beads reflect incoming light back to its source.

Adhesive reflective tape Class B red and white

Dimensions: Width: 50 mm. Length: 50m.
90° oblique red strips.

Composition: Vinyl PET.

Film printed with transparent ink protected.

Honeycomb Structure with Microballs Prismatic Technology

Our Class B reflective film with "honeycomb" structure are **2.5 times more powerful than conventional Class A** reflective products. Visibility = 250m. Can be used as safety signalisation in tunnel, walls, materials and traffic temporary signs. Mainly used as vehicles body stickers.

Advantages

1. High Adhesive power on any surface
2. High Visibility
3. Conformable film and not brittle. Untearable.

Warranty 1 year

Special Fabrication

Upon special requirements, our factory can produce customized products:
(minimum quantity required)

- 6 colors available

- Various dimension:

50 m/roll / maximal width: 1 meter

Rolls:

width: 15cm. length: 50m. honeycomb red and white
45° oblique band

Width: 50 mm. Length: 50m. Honeycomb white band

Width: 20 mm. Length: 50m. Honeycomb white band

Logo, brand or reference may be silk screen printed with transparent oil ink and hot stamping on surface.

See our full product line at www.phosphorescentpaint.co.uk

Retro-reflective sew on tape

What is retro-reflection ?

It's the property of a material to reflect light back to its source.

Coefficient of retro-reflection*

It measures the luminosity reflected back: it depends on the observation angle, but also of the quality of the film tape.

Motorcyclists are now required by law to have retro-reflective elements (on armband, helmet, clothing) at least equal to 150cm² : sew on tapes are a cost-effective and efficient solution to comply with the law, but above all to ensure one own's safety: a study found that by wearing retro-reflective clothing or armband reduced by more than 75% the number of cycling accidents after sunset.

We propose two different qualities of grey sew on tapes: The standard quality retro-reflective sew on tape, and the High-intensity retro-reflective tape

Use: Work / sports clothing, gloves, shoes, bags, etc...

Standard quality Ref D1101

Material: 65% polyester, 35% cotton

Roll size: Width: 5cm, 1m Length: 50m or 5m

Colour: Grey

Specification: EN471 , ANSI 107 ,AS/NZS 4602

Resists well to temperature, and to washing (25 to 50-60°C)

High-intensity quality D6101

Material: 65% polyester, 35% cotton

Roll: Width: 5cm, 1m Length: 50m or 5m

Colour: Light grey

Specification: EN471 , ANSI 107 ,AS/NZS 4602, equals to 3M 8910

Resists well to temperature, and to washing (+ 50 to 50-60°C)

Good performance at large angle: Very good reflection even with angles superior to 45°.



StardustColors also provides rolls and tapes that have both retro-reflective and phosphorescent properties.

Dimensions :

Widths : 2cm, 3cm, 5cm - Lengths : 0.9m, 50m



Where to find our products ?

Visit our online boutique at: <http://www.phosphorescentpaint.co.uk/>

TACTILE NAILS

Intended to warn visually impaired pedestrians through the perception of their feet

We propose 3 types of CITY tactiles nails

- >> CT-1011S - Stainless steel nail, 6 anti-slip slots (35*25*5mm)*15mm
- >> CT-1013S - Stainless steel nail, 10 anti-slip slots (35*25*5mm)*15mm
- >> CT-1030L - High Phosphorescence photoluminescent nail (35*25*5mm)*12mm



ROAD STUDS

PHOTOLUMINESCENT & RETROREFLECTIVE

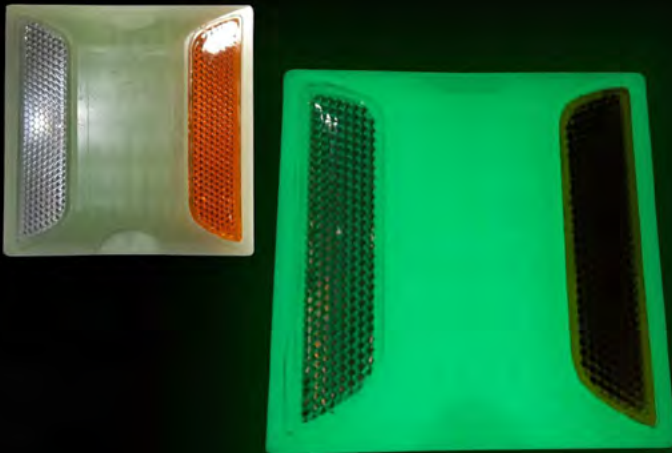
Ref PRRS

For road and ground markingndaries, etc...

Material: ABS Plastic

Weight: 120g

Dimensions: 100x100x20mm



ROUND FLOOR ADHESIVE

Adhesive photoluminescent directional arrow in a circle - ARW-R10
Very good robustness, suitable for pathway floors
Diameter: 10 cm
with a 3M adhesive 300LSE
Photoluminescence:
Very strong - Class D



FRECCE ALLUMINIO

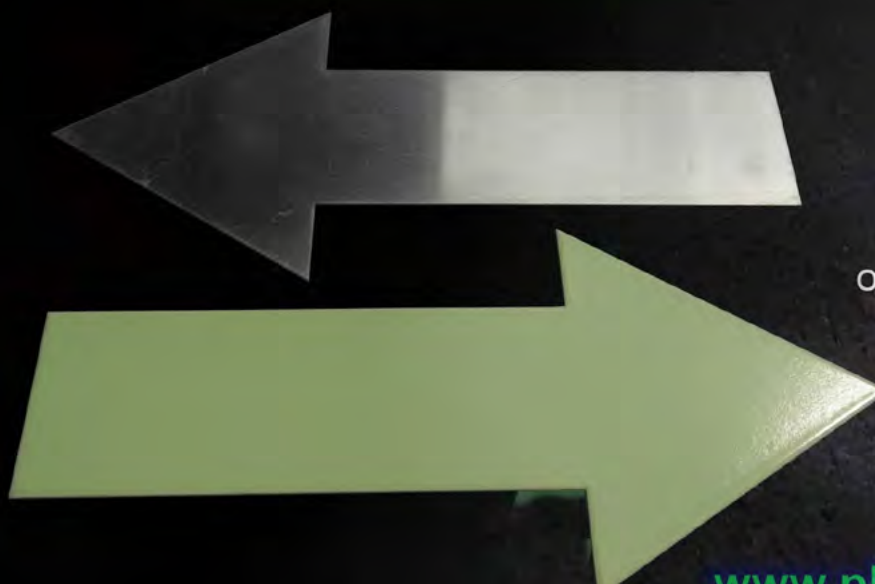
Ref: ARAL30

Our luminous arrow signs are intended to be installed on the floor to create a photoluminescent guidance system.

30cm long

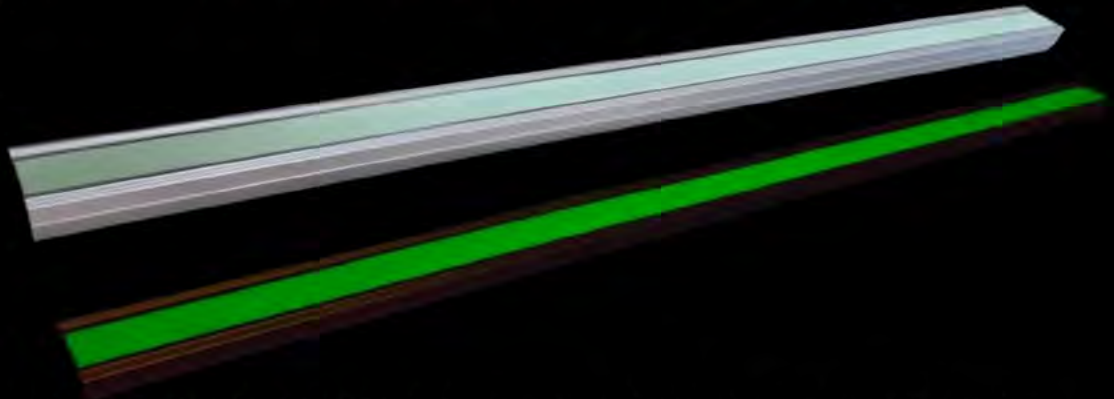
Made of a 0.7mm aluminum. Weight: 150g

Photoluminescence class: Class E



Aluminium Photoluminescent Stairnose

The photoluminescent stairnose allow a perfect visibility of stairs in case of electricity rupture and avoid falls risk.



This excellent item is absorbing natural or electrical light energy very quickly and re-emit as a green fluorescent light: 1 min is enough for 30min glow. The stairnose is made of two parts: An aluminium structure (to be screwed or stuck) + a photoluminescent and anti slide plastic insert.

Key Features:

- Anti Slip Top Surface
- Hard Wearing and Durable
- Installs to virtually any substrate
- Easy to cut
- Choice of sizes : Dimension : 1000mm x 57mm x 30mm (All length under 1m available on demand)

Benefits :

Easy Installation

Quick and simple to install our stairnosings can be either glued or screwed to an existing substrate or just simply glued using a structural adhesive.

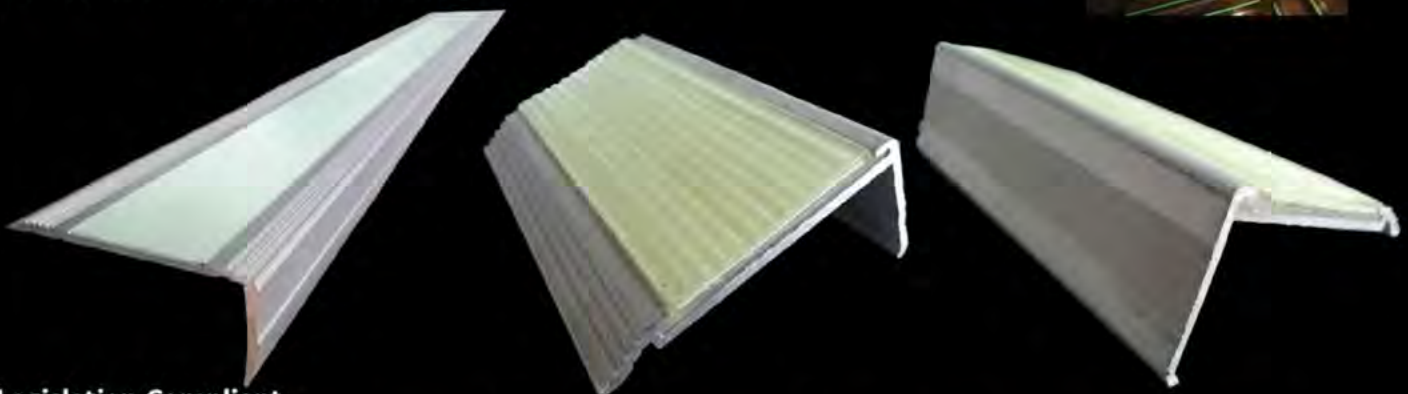
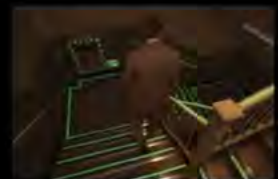
Slip Resistant

As with the majority of products in the NonSlip range, the stairnosings profiles have a compound of a special formula of grit which is added in the final layer of laminate.

Robust

stairnosings are manufactured from high quality aluminium and offer a long term solution for step edges.

Photoluminescent lifetime: 10-20 years



Legislation Compliant

The product meets the requirements of the current European Regulations for place receiving public (Class D). Our stairnosings display a very intense glow Class D (much above the european recommandations Class C NF EN 1838.)

PVC (YmAP-D) Inside sign, luminosity mesure: as the below:

2 mins: 1420 / 10 mins: 330 / 60 mins: 66 / afterglow time: 3600 mins

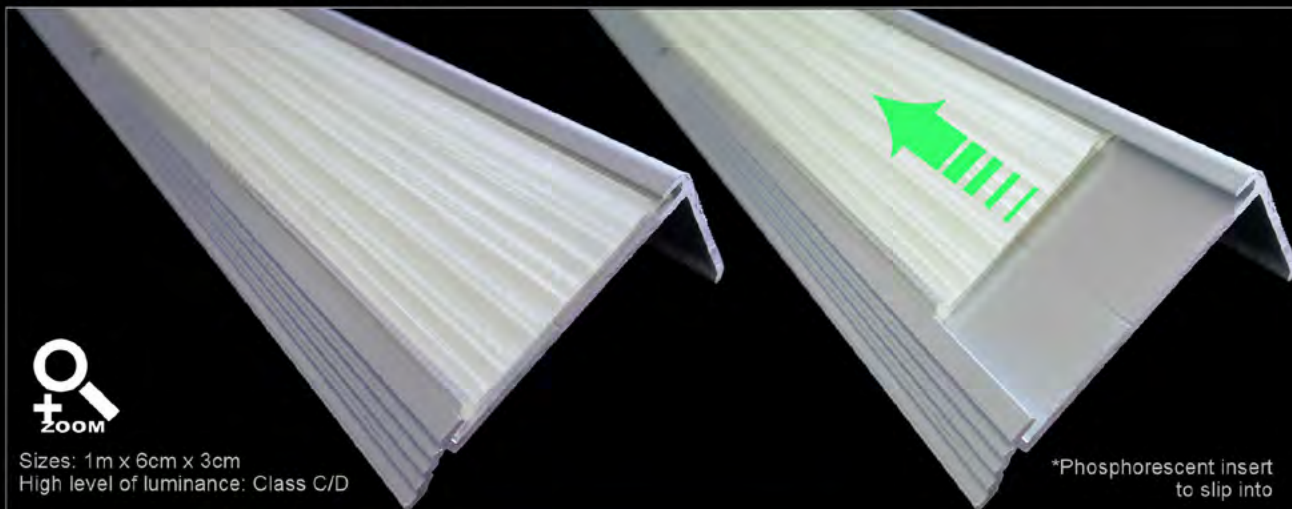
Remarks: Other specific luminosity are also available.



See our full product line at www.phosphorescentpaint.co.uk

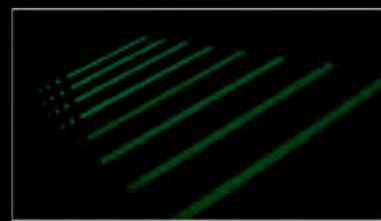
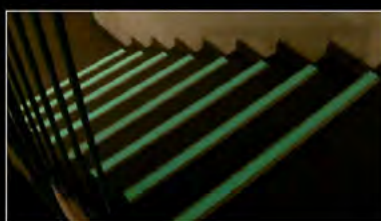
Standard Stair Nosing

Our standard stair nosing is composed of an **aluminium cast which integrates inside a phosphorescent anti-slip insert**. The insert system offers hidden screw fixing. The size available from our stock is in 1m length. According to order quantity, we can manufacture lengths up to 2m. Price reductions based on quantity of order.

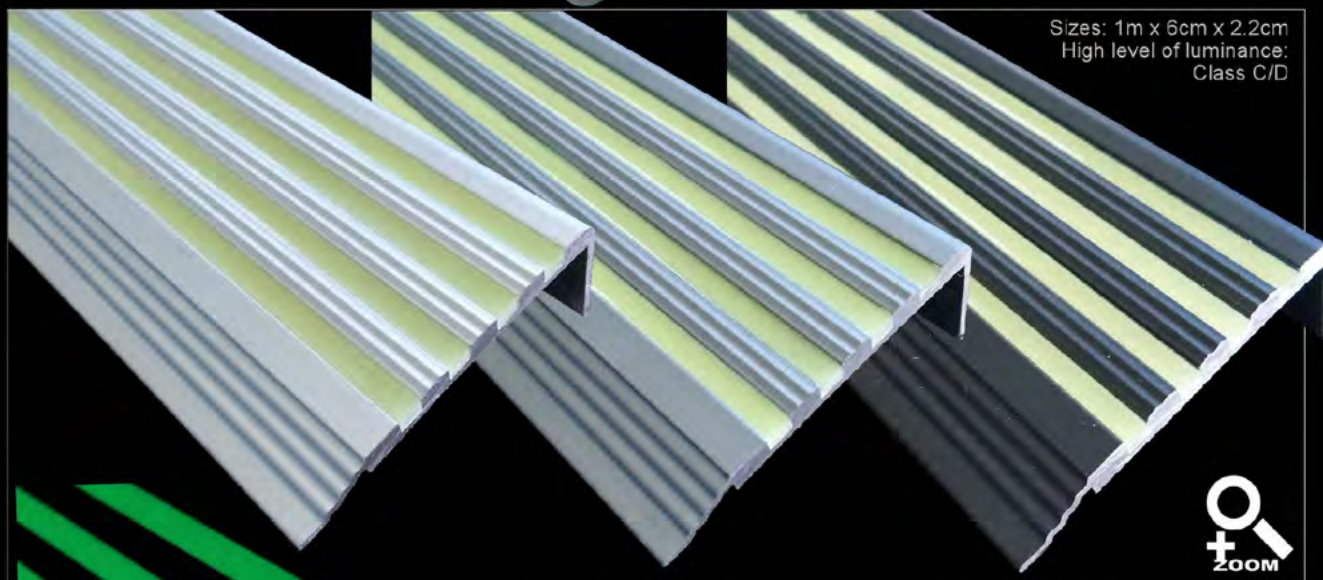


Sizes: 1m x 6cm x 3cm
High level of luminance: Class C/D

*Phosphorescent insert to slip into



LUX Stair Nosing



Sizes: 1m x 6cm x 2.2cm
High level of luminance: Class C/D



Picture showing the system in the dark*

The Luxe stair nosing model is anti-slip and provides high phosphorescence. Its aluminium-reinforced cast gives a guaranteed maximum resistance. It's available in three colours (Aluminium grey, Anthracite grey and Black), and shipped with cast assorted colours screws. In stock, size: 1m long. According to order quantity, we can manufacture lengths up to 2m. Quantity discounts applied.

Alu Anthracite Black



Mini photoluminescent glass circle

5.5cm

Luxurious photoluminescent item used in Hotels, Airport, Supermarket, Subway and other public places.
In case of total light extinction, the photoluminescent floors signs glow in the dark and help people finding their way to emergency exits.

Material: toughened glass + aluminum sign + stainless steel ring
advantage: Small, light, with a modern and fashionable design, match to any luxurious and elegant decoration.



Dimension: our standard dimension is 55mm (diameter)*10mm (thickness), Other specific shapes like square, rectangle and other specific dimensions are also available;
Luminosity: it exceeds 50mcd/m² after 60 minutes when tested according to DIN67510.



Photoluminescent glass sign for ground

15cm

Use: Airports, Supermarket, Subway, Public places
Materiel: Strengthened glass

Size: 150mm(diameter)*14mm(Thickness)
Weight: 0.6kg/piece

Qualities: Luxurious aspect, Indestructible surface, easy to clean.

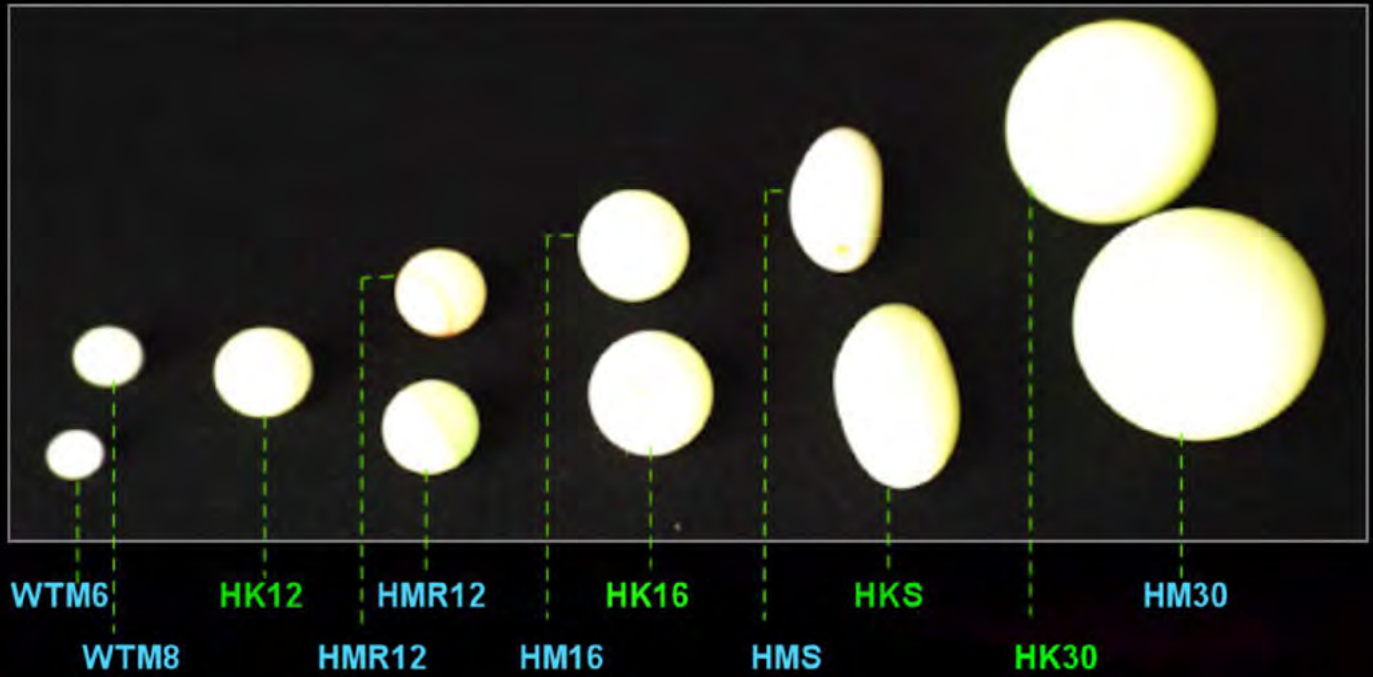
Other specific shapes like square, rectangle and other specific dimensions are also available.

Luminosity: it exceeds 50mcd/m² after 60 minutes when tested according to DIN67510.

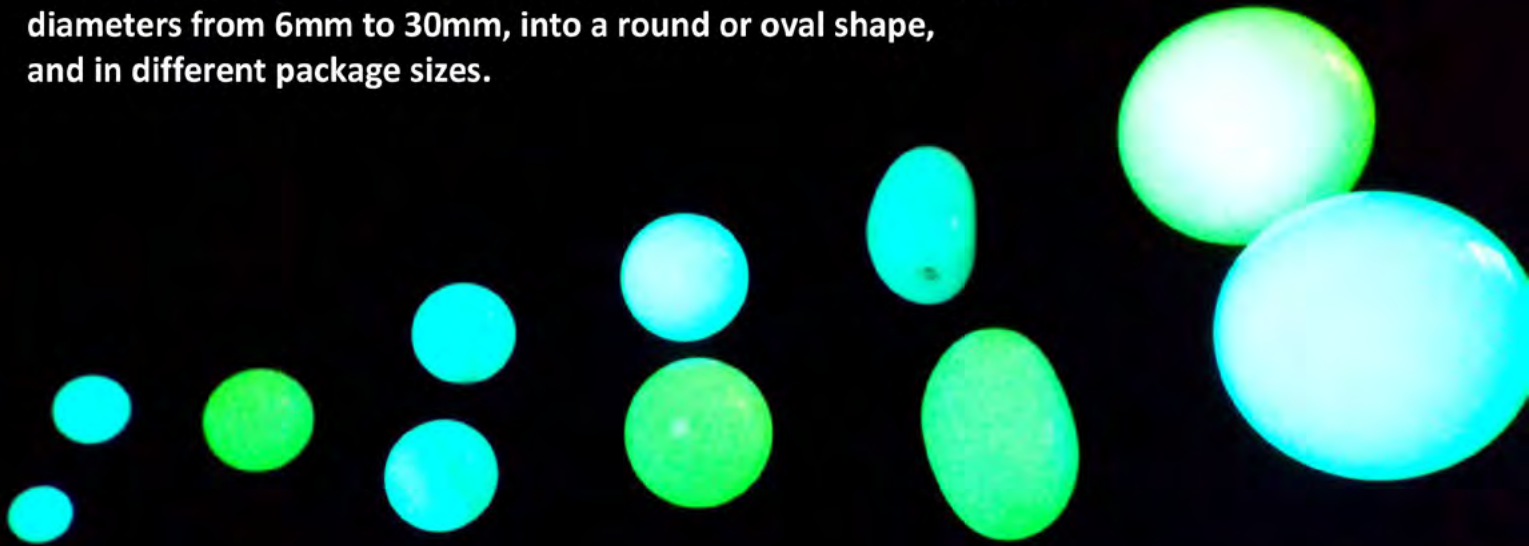


Phosphorescent Gems and Pearls

ArcoIris SAS offers a wide range of phosphorescent gems, pearls and even jewellery. These precious stones have a natural luminous power. They are finely cut and polished, and some are pierced. The stones are very hard and indestructible. In the dark, they display a green, turquoise or blue luminescence.



These mineral synthetic stones are available from stock in various diameters from 6mm to 30mm, into a round or oval shape, and in different package sizes.





KERAMIC-K[®]

PHOSPHORESCENT FRAGMENTS

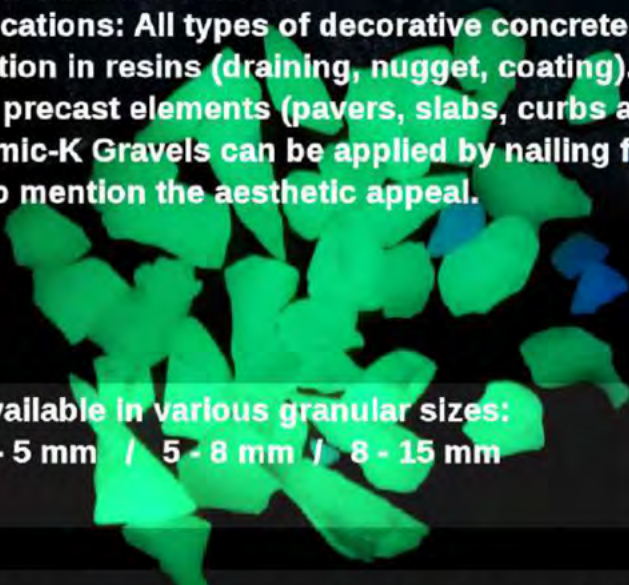
Our stone fragments store light and glow in the dark. Glass-based, with a rare earth content, these fragments are naturally luminous. They require no maintenance and their phosphorescence can be active for several decades.

Our phosphorescent gravel recharges quickly with all types of light, and are highly efficient and effective in complete darkness, indoors and outdoors. Their level of phosphorescence is intense, and they remain visible for several hours.

Non hazardous material.

Applications: All types of decorative concrete (deactivated, roughened, sandblasted, polished...) Insertion in resins (draining, nugget, coating). Insertion of phosphorescent gravels in all precast elements (pavers, slabs, curbs and steps).

Keramic-K Gravels can be applied by nailing for economic consideration not to mention the aesthetic appeal.



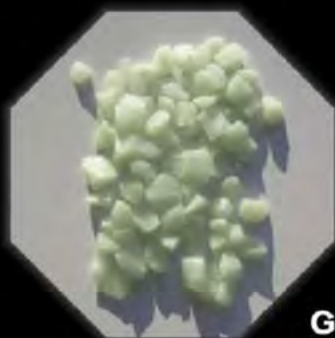
Available in various granular sizes:
3 - 5 mm / 5 - 8 mm / 8 - 15 mm



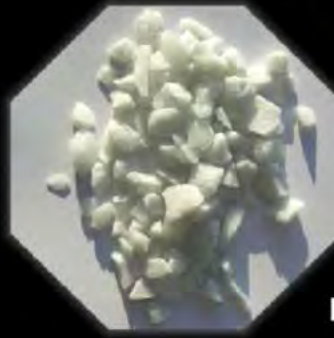
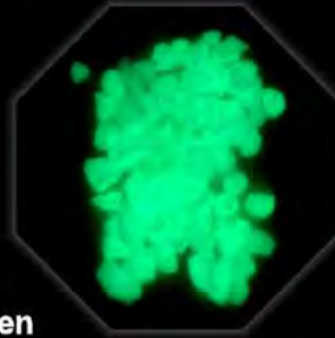
2 fragments versions:
- Rough (sharp edges)
- Polished

Appearance by day : colourless and matt finish
Appearance by night : 3 phosphorescent colours
(Green, Turquoise, Blue)

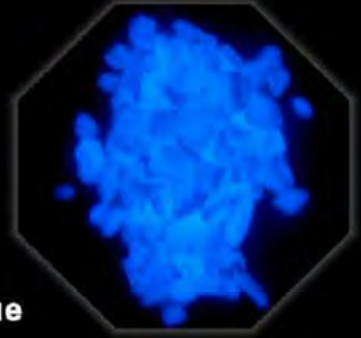
Packaging:
- 25kg Bag
- 1T Bag



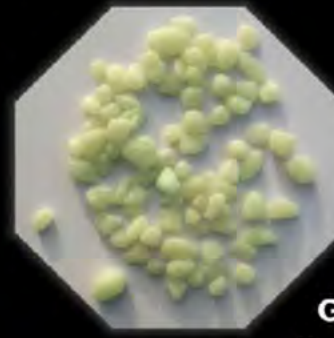
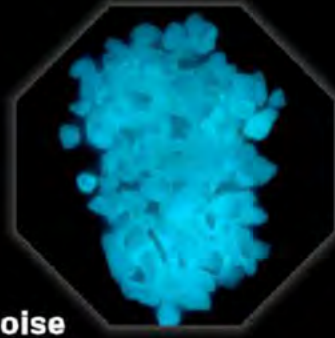
Green



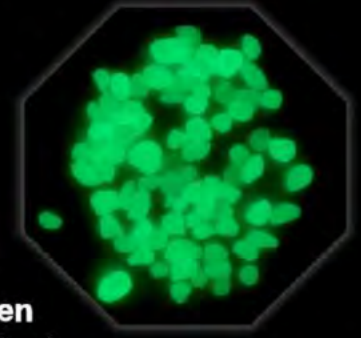
Blue



Turquoise



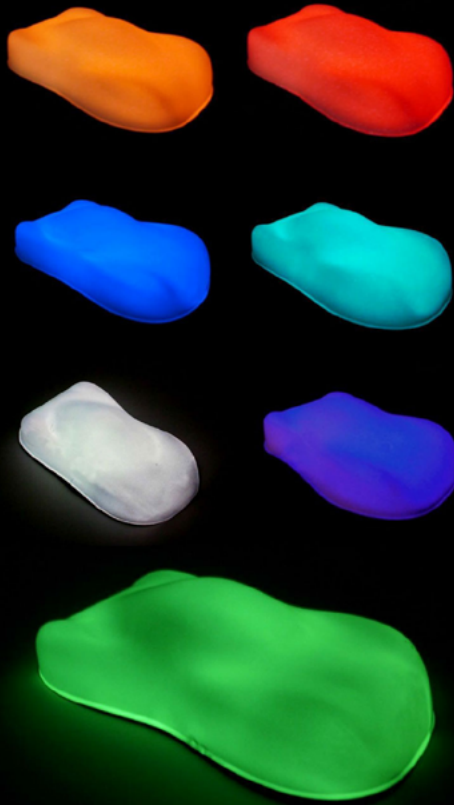
Green
Polished





NightGlow spraycans

Phosphorescent paints - professional grade



Glow in the dark paints

Store all type of light and glow up to 12h in the complete darkness.

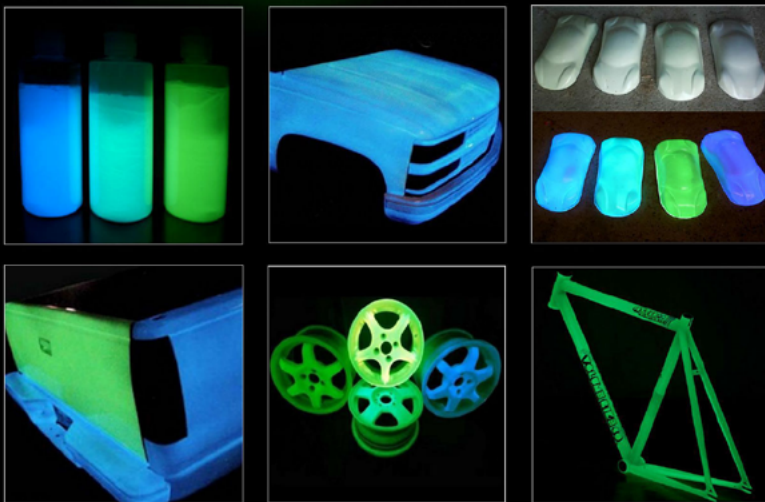
1K paint, to be topcoated, ready to spray

- Solvented serie NIGHTGLOW

Colors :

Green, Turquoise, blue, violet

White, orange, red



TECHNICAL DATA FILE:

NATURE : 1K solvented paint
 DESTINATION : Automobile, motorcycle, decoration, art and design
 ASPECT: COLORLESS AND SEMI TRANSPARENT BY DAY, GLOWING IN THE DARK
 COVERING: <1 SQM / AEROSOL
 VOC: > 420 G/L - CLASS 3, GROUPE 3.3, CODE ONU: 1950
 PACKAGING : SPRAY 300ml
 MIXING : Ready to spray. Shake up well before use.
 APPLICATION : Over white basecoat, with as much coats as possible to get an intense glow.
 DRYING AT 20°C : 5 TO 20 MN
 TOPCOAT: Apply a clearcoat within 30min after application (recommanded).
 SHELF LIFE: STORE 12 months at 10 C°/ 30°C
 GLOW LIFETIME: More than 10 years

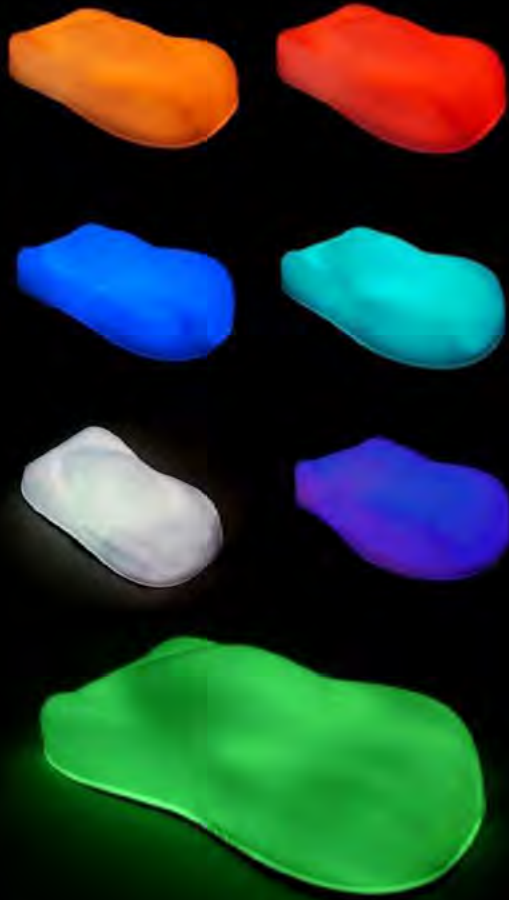
LUMINANCE Intensity	1MIN	10MIN	60MIN	Lum
GREEN	2300	358	58	9000
TURQUOISE	1400	280	44	5400
BLUE	64	140	25	5000
VIOLET	41	10	2	380
WHITE	520	69	12	1000
ORANGE	480	34	2	
RED	400	18	2	

*(Coat Thick. 100µm)
mcd/m²



NightGlow y Aero1K

Glow in the dark paints for automobiles



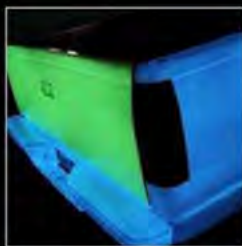
Store all type of light and glow up to 12h in the complete darkness.

1K paint, to be topcoated ready to spray, Spray application

- Solvented series **NIGHTGLOW**
Colors :
Green, Turquoise, blue, violet
White, orange, red



- Waterborne series **AERO1K**
Colors :
Green, Turquoise, blue, violet



NATURE : 1K solvented paint
DESTINATION : Automobile, motorcycle, decoration, art and design
ASPECT: COLORLESS AND SEMI TRANSPARENT BY DAY, GLOWING IN THE DARK
COLORS AND GLOW INTENSITY: Green (strong), Turquoise (good), Blue, White, Orange, Rouge (medium), Violet (low)
COVERING: 2 SQM / L
VOC: > 420 G/L - CLASS 3, GROUPE 3.3, CODE ONU: 1263, CODE IMDG: 3372
PACKAGING : 250ml, 1Ltr, SPRAY 300ml
MIXING : PAINT 100 PARTS, Ready to spray. Stir up well before use.
APPLICATION : With spraygun, over white basecoat, with many as much coats as possible to get an intense glow.
ADJUSTMENT: Nozzle 1.2 / 1.5mm - 2 / 3 bars
DRYING AT 20°C : 5 TO 20 MN
TOPCOAT: Apply a clearcoat within 30min after application.
SHELFLIFE: STORE 12 months at 10 C°/ 30°C
GLOW LIFETIME: More than 10 years

NATURE : 1K waterbornepaint
DESTINATION : Automobile, motorcycle, decoration, art and design
ASPECT: COLORLESS AND SEMI TRANSPARENT BY DAY, GLOWING IN THE DARK
COLORS AND GLOW INTENSITY: Green (strong), Turquoise (good), Blue (medium), Violet (low)
COVERING: 2 SQM / L
NON DANGEROUS PAINTS
PACKAGING : 250ml, 1Ltr
MIXING : PAINT 100 PARTS, Ready to spray. Stir up well before use.
APPLICATION : With spraygun, over white basecoat, with many as much coats as possible to get an intense glow.
ADJUSTMENT: Nozzle 1.2 / 1.5mm - 2.5 / 4 bars
DRYING AT 20°C : 40 TO 60 MN
TOPCOAT: Apply a clearcoat after 40min or 72h max
SHELFLIFE: STORE 3 months at 10 C°/ 30°C
GLOW LIFETIME: More than 10 years

INTENSITY LUMINANCE	1MIN	10MIN	60MIN	Lum (capa 100µm) en mcd/m²
VERDE	2300	358	58	9000
TURQUESA	1400	280	44	5400
AZUL	64	140	25	5000
VIOLETA	41	10	2	380
BLANCO	520	69	12	1000
NARANJA	480	34	2	
ROJO	400	18	2	

Phosphorescent Paints MOONGLO

Glow in the dark waterbased odorless paints

Phosphorescence

The paints glow in the dark after exposition to sun or electrical light

Luminance

With their concentrated formula the phosphorescence remains visible up to 12h* in complete darkness.

Aspect

The phosphorescent paints are colorless by day

Application

Appropriate over paper, cardboard, paints, fabric, wood

4 Colors

Green, Turquoise, Blue, Violet



MOONGLO

Packagings

Flexible 60ml jars with applicator
1L cans



Life time

The phosphorescence may work during several years

MOONGLO TECHNICAL DATAS

Composition: Waterbased acrylic emulsion

Packaging: 60ml, 1L

Mix: Ready to use. Stir up well before use.

Tools: Brushes and rolls. Not appropriate for a airbrush

Substrates: Paper, cardboard, fabric, paints, woods and all primed substrates.

Application: In 1 thick coat, or a few thinner coats spaced of 5min.

Drying: 1h at 20°C. Can be heated or dried in oven or tunnel

Topcoat: With waterbased topcoats only.

Cleaning: Clean the tools with water and soap

Safety: In accordance with Regulation (CE) n° 1272/2008, directives 67/548/CEE, 1999/45/CE the product contains no harmful substance, and is not harmful in normal conditions of use.

Couleurs	Luminance en mcd/m² après			
	1MIN	10MIN	60MIN	Lum
VERT	1823	216	38	6000
TURQUOISE	1115	166	29	3500
BLEU	78	59	12	
VIOLET	410	10	2	

EPOXY 90000

2K photoluminescent paint for floors

2 types of photoluminescent paint for professional purpose



Visibility decay: 12h
 Very good glow after 10 seconds light exposition.
 High resistance to abrasion, outdoors conditions, automobile traffic and skid.
 Resist to temperature up to 180°C.
 For professional only



POLYURETHANE PHU2K

2k photoluminescent varnish for outdoors



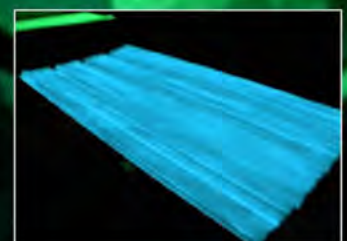
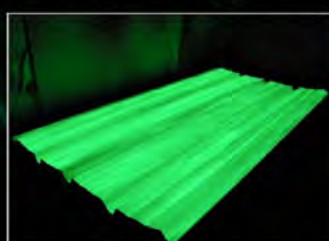
Store all type of electrical, natural, visible and UV lights, and glow in total obscurity for long period of time (up to 12h)

- 1 component solvanted product
- Glossy finishing, good resistance, fast drying,
- Suitable for walls indoors or outdoors
- High viscosity, Do not sag, low smell.
- Easy application over various substrates recommended with brush or roll.
- Colors: Green, Turquoise

Store all type of electrical, natural, visible and UV lights, and glow in total obscurity for long period of time (up to 12h)

Very durable paint, perfect weatherability, and resistance to chemicals

This product represents a superior quality gloss Lacquer finishing. For professional only.

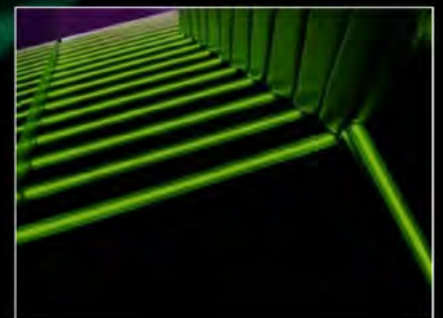


EPOXY

NATURE : 2K Epoxy paint
 DESTINATION : Parkings, Streets, Buidings, concrete, stone.
 ASPECT: Greenish White by day, Glowing in the dark.
 COLORS AND GLOW INTENSITY: Green (strong), Turquoise (good)
 COVERING: 1 SQM / L - VOC: > 420 G/L - CLASS 3, GROUPE 3.3, CODE ONU: 1263, CODE IMDG: 3372
 PACKAGING : 1.5L or 7.5L
 MIXING : PAINT 100 PARTS, HARDENER 50 PARTS. Stir up well before use.
 APPLICATION : With rolls, brushes or spraygun, recommended over white primer, with 2-4 coats.
 DRYING AT 20°C : TOUCH 45 MN, AT HEART 24-48H - SHELF LIFE: STORE 6 months at 10 C°/ 30°C
 GLOW LIFETIME: More than 20 years

POLYURETHANE

NATURE : 2K Polyurethane paint
 DESTINATION : Floors, walls.
 ASPECT: Greenish White by day, Glowing in the dark.
 COLORS AND GLOW INTENSITY: Green (strong), Turquoise (good)
 COVERING: 2,5 SQM / L - VOC: > 420 G/L - CLASS 3, GROUPE 3.3, CODE ONU: 1263, CODE IMDG: 3372
 PACKAGING : 1.33L or 4L
 MIXING : PAINT 100 PARTS, HARDENER 30 PARTS. Stir up well before use.
 APPLICATION : With rolls, brushes or spraygun, recommended over white primer, with 2-4 coats.
 DRYING AT 20°C : TOUCH 45 MN, AT HEART 24-48H - SHELF LIFE: STORE 6 months at 10 C°/ 30°C
 GLOW LIFETIME: More than 20 years



Luminance (mcd/m²)

Colors	1MIN	10MIN	60MIN	Lum
GREEN	3800	685	91	12350
TURQUOISE	1800	427	71	9230

Tests done with a 100µm coat, done with 4 passes. Mentionned datas has been made in accordance with DIN67510 Part I. Luminance in microcandelas/m²

View our full line of products at www.stardustcolors.co.uk

Phosphorescent pigments

Extra long glow phosphorescent pigments



PRESENTATION:

The phosphorescent pigments have the capacity to store the light and to re-emit it:

They charge when exposed under a light source (sunlight, electric light, or UV) and release gradually the energy by glowing in the dark.

Our pigments are from the latest generation and represent the most efficient grade of photoluminescent materials in term of restitution rate.

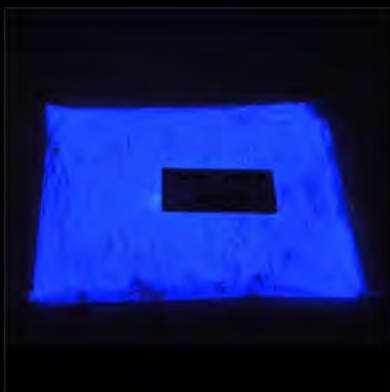
Definition: The name phosphorescent covers in general all types of pigments that emit light thanks to a luminous excitement. We will then talk about phosphorescent pigments to be more precise.



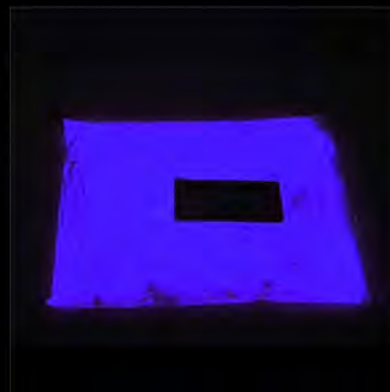
Vert
High luminance
Solvent or Waterbased
All particle sizes



Turquoise (Blue-Green)
Good luminance
Solvent or waterbased



Bleu
Low Luminance
Solvent or Waterbased



Violet
Low Luminance
Solvent or waterbased



White
Low Luminance
Solvent only



Orange
Low Luminance
Solvent only



Red
Short Luminance
Solvent only



Colours	Luminance en mcd/m ² après			
	1MIN	10MIN	60MIN	Lum
Green	2300	358	58	9000
Blue Green	1400	280	44	5400
Blue	63,5	140	25	5000
Violet	41	10	2	380
White	520	69	12	1000
Orange	480	34	2	
Red	400	18	2	

Measurments :
Tests according DIN67510 Part I.
Luminance (Lum) = Time for total extinction (0,32mcd/m²)

Phosphorescents Pigments: Technical Date File

LUMINANCE:

The pigments glow over a variable period of time and in a quick decay curve, that will stabilize itself during long hours. The luminance is measured in microcandela/sqm. The luminance can totally extinguish days after an excitement to light. The intensity of the glow will depend of the size of the pigment particle and of its colour: Green particles are larger and will glow longer.

ASPECT:

The pigment powders are **colourless** during the day: From a greenish white (for the green and blue-green colours) to a perfect white (for all others colours). A "coloured by day" version is also available.

COMPOSITION:

The photoluminescent pigments Arco Iris with their particular structure of crystal are made from "rare earth elements" (Aluminates and Europium Carbonates/Strontium desactivated). Their luminescence is 10 times higher than those of conventional phosphorus/zinc sulfide based pigments



SAFETY:

The product is non-toxic, harmless and non-radioactive. Product not considered to be hazardous (As for our analysis certificates) They are completely harmless and are completely safe in consumers products such as clothes, shoes, helmets, toys, watches, switches, fishing tools, sporting goods...

RESISTANCE:

Our phosphorescent pigments have a life span of 10 to 20 years. They have a great physical and chemical stability (temperature >1300°C, resists well to UV light). Direct contact with metals and water can accelerate quickly their degradation.

APPLICATION:

Photoluminescent pigments are widely used in industries in manufacturing paints, **injection and moulding, silkscreen painting, luminous panels, tapes or films, ceramic tiles** etc. Different technical and artistic purposes can be achieved due to their characteristics.

Their lifetime, their ease of use and their infallibility are highly valued for the production of safety products.

TYPE OF PIGMENTS and COMPOUNDS (Masterbatch)

We deal with the biggest choice of pigments, available in several models according to their colours, the size of the particles and their type (**solvent or water based**) We also produce a range of pigments coloured by day (please contact us by email only) and various types of **Plastic compounds**.

TECHNICAL SPECIFICATIONS:

Glow colour : Green , Bleu-Green, Blue, Violet, Red, Orange, White
Glow decay : Up to 12h after excitation
Density : 3.5+/-0.1 g/cm³ - Humidity: 0.5 %
Available particle size:
5-15µm; 15-35µm, 35-45µm, 45-65µm, 60-100µm , 100-250µm , >500µm

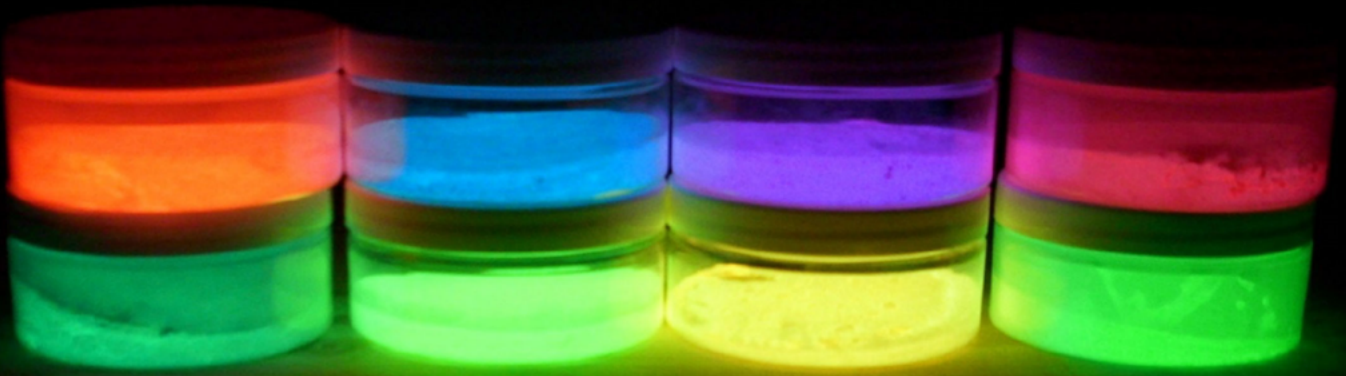


NEON

Phosphorescent pigments

The NEON Range is made with phosphorescent pigments which are special because they display a colourful appearance both during the day and at night. This is indeed a particular property, as all natural phosphorescent pigments are a white or yellowish powder (under light).

The colour pigments by day have a lower luminous intensity (about 25%) in comparison to the colourless phosphorescent natural pigments by day



Ref Colour during the day/night

NPP-VV: Green/Green
NPP-YG: Yellow/Green
NPP-OY: Orange/Orange
NPP-BB: Blue/Turquoise
NPP-BG: Blue/Green
NPP-RO: Pink/Orange
NPP-RV: Pink/Purple
NPP-RR: Pink/Pink

Available packagings:
15g, 330g, 1kg or 25kg

Use:

by mixing only, in all transparent media
such as resins, binders, topcoats, plastics

Resistance:

The phosphorescent property has excellent temperature resistance (up to 800 °C) and provides durability for at least many decades (if the pigment is stored in its packaging, or immersed in its resin). The colour "by day" cannot withstand more than 200 to 250 °C, and cannot be exposed to sunlight

Composition: Strontium aluminate and dyes

Pigmenti fosforescenti

Pigmenti fotoluminescenti lunga durata



DESCRIZIONE:

I pigmenti fosforescenti hanno la capacità di immagazzinare/riemettere luce:

I pigmenti fosforescenti si caricano con l'esposizione ad una sorgente luminosa (luce solare, elettrica o UV) e restituiscono lentamente l'energia brillando nell'oscurità.

I nostri pigmenti sono di ultima generazione e sono costituiti da materiali fotoluminescenti con il più efficace tasso di restituzione dell'energia.

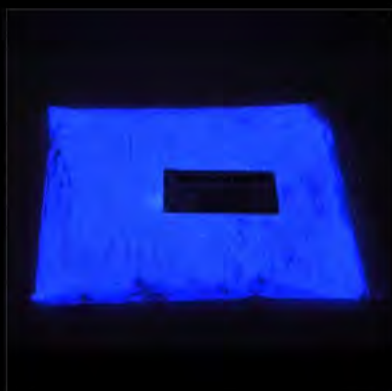
Definizione*: Il termine fotoluminescente comprende in via generale tutti i tipi di pigmenti in grado di emettere luce grazie ad una stimolazione luminosa. Per essere più precisi, parliamo di pigmenti fosforescenti



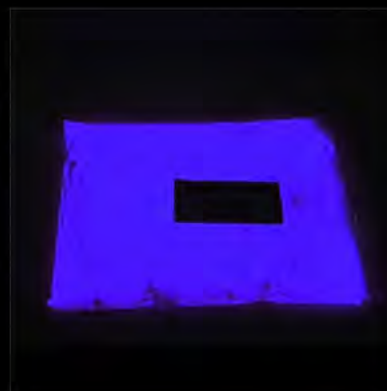
Verde
Luminosità forte
A base solvente e Idro
Qualsiasi granulometria



Turchese
Luminosità media
A base solvente e Idro
Qualsiasi granulometria



Blu
Luminosità debole
A base solvente e Idro



Viola
Luminosità debole
A base solvente e Idro



Bianco
Luminosità debole
Solo a solvente



Arancione
Luminosità debole
Solo a solvente



Rosso
Luminosità debole
Solo a solvente



1MIN 10MIN 60MIN Lum

verde	2300	358	58	9000
turchese	1400	280	44	5400
blu	63,5	140	25	5000
viola	41	10	2	380
bianco	520	69	12	1000
arancione	480	34	2	
rosso	400	18	2	

Misurazioni:

I dati tecnici sopraindicati sono il risultato di test conformi alla Norma DIN67510 Parte 1. La luminanza (Lum) si riferisce alla durata in minuti necessaria affinché sia ridotta a 0,32 mcd/m², a partire dal momento in cui cessa la stimolazione luminosa.

NEON

Pigmenti Fosforescenti

La gamma NEON è realizzata con pigmenti fosforescenti, particolari perché presentano un aspetto colorato sia durante il giorno che durante la notte.

Questo è in effetti una proprietà particolare, in quanto tutti i pigmenti fosforescenti naturali sono una polvere bianca o giallastra (sotto luce).

I pigmenti di colore al giorno hanno un'intensità luminosa inferiore (circa il 25%) rispetto ai pigmenti naturali fosforescenti incolori di giorno



Ref Colore durante il giorno / notte

NPP-VV: Verde / Verde
NPP-YG: Giallo / Verde
NPP-OY: Orange / Orange
NPP-BB: Blu / Turchese
NPP-BG: Blu / Verde
NPP-RO: Rosa / Arancio
NPP-RV: Rosa / Viola
NPP-RR: Rosa / Rosa

Imballaggi disponibili:
15g, 330g, 1kg o 25kg

Uso:

mescolando solo, in tutti i supporti trasparenti quali resine, leganti, topcoats, plastica

Resistenza:

La proprietà fosforescente ha una temperatura eccellente resistenza (fino a 800 ° C) e durezza per almeno molti decenni (se il pigmento è memorizzato in il suo imballaggio o immerso nella sua resina). Il colore "Per giorno" non può sopportare più di 200 a 250 ° C, e non può essere esposto alla luce solare

Composizione:

stronzio alluminato e coloranti