



BY CHRYSO

LUMINTECH®

LOW VOLTAGE



**LuminTech®**

reveals concrete brilliance in the dark

**CHRYSO**

INNOVATION IS OUR CHEMISTRY

# GIVE SOME CHARACTER TO YOUR PROJECTS

DAY-TIME EFFECT

NIGHT-TIME EFFECT<sup>(1)</sup>

## PARTICLES



LuminTech® comes in different luminescent particles that are applied to the surface and incorporated into the concrete skin.

## LuminTech® an innovation for building materials

### Decorative

- **The unique aesthetic and chromatic qualities** of LuminTech® produce different visual effects in the light and dark with:
  - A choice of day-time colours that are different from the colours visible at night
  - Day-time colours that imitate natural aggregates
- **An effect on architectural lines:** LuminTech® technology can be used to highlight a garden pathway, the edges of a swimming pool or the architectural lines of a building in the dark.
- **Enhanced visibility and quality of life for users:** spaces are more clearly defined, making it easier for users to find their way in the dark.

### Durable

- **Long-lasting:** the material is designed for intensive use and its performances won't deteriorate over time.
- **Energy efficient:** luminous marking at night or in lowlight areas can in some cases replace electric lighting.
- **Environmentally friendly:** composite products made using recycled materials and natural mineral pigments.

### Effective

- Excellent **glow time** (more than 10 hours)
- Good **resistance to**
  - breakage due to impact
  - friction wear
  - freeze-thaw cycles(Test report available on request)

### Easy to place and maintain

- **Easy to place:** uses the same production process as for decorative concrete.
- **No additional maintenance costs:** luminous concrete is maintained just like conventional decorative concrete.
- **Self-governing process:** energy absorption and emission cycles alternate without external intervention.

<sup>(1)</sup> LuminTech® technology can be seen in very low-light or dark conditions.



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LUMINTECH®

LOW IN TECH®

LUMINTECH®

PATENTED BREAKTHROUGH TECHNOLOGY



Durable



Easy to place  
and maintain



Environmentally friendly



Decorative

LuminTech® a technology with unique properties



LuminTech® particles **absorb UV radiation** (natural or artificial) and then release the energy in the form of visible light.



The glow can be seen for **more than 10 hours**.  
(Glow time test report available on request).



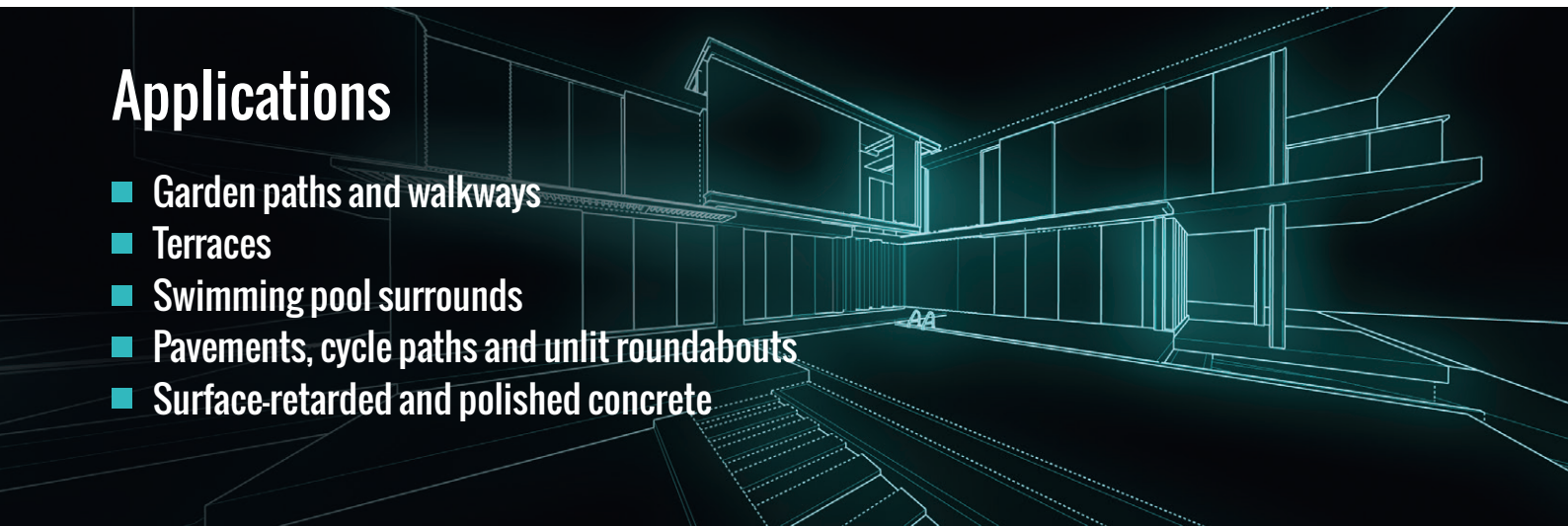
LuminTech® technology is **approved in accordance with a number of French and European standards**.




LuminTech® particles look like natural aggregates by day and take on a **different colour by night**<sup>(1)</sup>.

## Applications

- Garden paths and walkways
- Terraces
- Swimming pool surrounds
- Pavements, cycle paths and unlit roundabouts
- Surface-retarded and polished concrete





[www.lumintech.com](http://www.lumintech.com)

For more information about our aesthetic solutions, visit our web site  
[www.chryso.com](http://www.chryso.com)

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