



# i.light



## Benefits

- > Bright
- > Durable
- > Sustainable
- > Recyclable
- > Versatile
- > Great aesthetic value
- > Promotes energy savings
- > Customizable and colourable
- > Offers new design possibilities
- > Turns walls into light vectors

## Applications

- > Walls
- > Roofing/cladding
- > Flooring
- > Indoor elements
- > Outdoor elements
- > Parapets/rails
- > Internal partitions
- > Steps
- > Lamps
- > Street furniture



**Italcementi Group**

A world class local business

**Italcementi S.p.A.**

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[www.i-nova.net](http://www.i-nova.net)

### Italcementi Group

With sales amounting to about 4.5 billion Euro, Italcementi Group is the world's fifth largest cement producer. The Group's companies combine the expertise, know-how and cultures of 22 countries across four continents.

Italcementi Group is a member of WBCSD, the World Business Council for Sustainable Development, and has adhered to the UN Global Compact, a strategic initiative promoted by the United Nations to align companies' operations and plans with universally accepted principles in the areas of ethics.

The business strategy of the Group is focused on two fundamental assets: research and innovation. This vision, with a multidisciplinary approach to research, has enabled Italcementi Group to develop cutting-edge high-tech products – photocatalytic and transparent cements, for instance - and realize state-of-the-art buildings like i.lab, the Group's new Research & Innovation centre, designed by Architect Richard Meier and certified Leed Platinum.

Investment in new products, materials and services to best meet the needs of the building community as well as customer focus are the Group's strengths. That is why the company is committed to continuously developing new marketing tools able to foster an even more effective and satisfactory relationship with the customer.

## i.nova

i.nova is the innovative market approach through which Italcementi Group aims at offering its leadership in innovation to the building community. i.nova groups all products - the various types of cement, concrete, mortar and lime - into 11 Performance Families in order to simplify the purchasing process and guarantee the same readily understandable approach, organized in a common language, to all customers from all world markets. The i.nova Branding System is designed as an explanatory guide using a straightforward and

intuitive visual language to provide customers with clearer and easier guidance on the Group's product ranges so that the right solution is immediately identified.

Through i.nova, Italcementi Group confirms its attention placed on customers by putting them at the centre of a strategy focused on delivering solutions (performance) according to their needs instead of simply selling a product (best price - best product approach).



# ITALCEMENTI



**i.light**

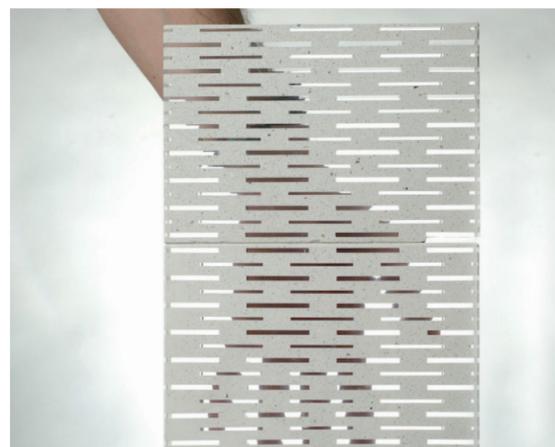


## Transparent cement



# What if cement could light up spaces?

Discover **i.light**, the freedom to design with light.



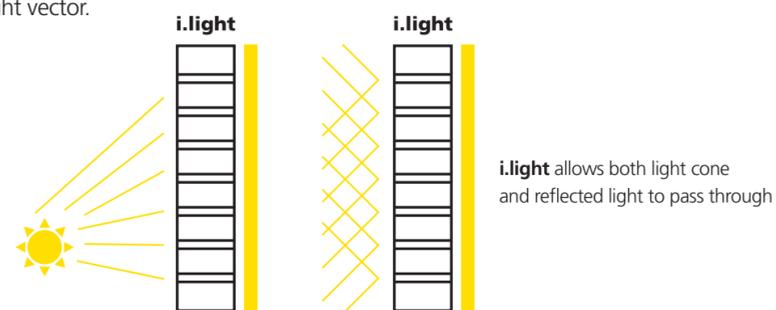
**i.light** is a precast concrete panel that can transmit light.

Obtained by bonding special resins in an innovative mortar, **i.light** not only lets natural and artificial light in but also allows seeing images or objects placed behind the panel while creating a surprisingly transparent effect.

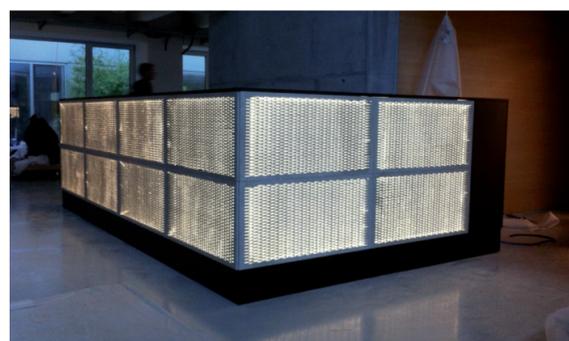
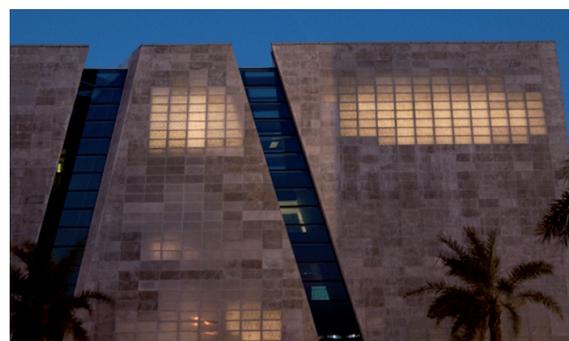
**i.light** is one of the many products developed by Italcementi Group in its continued commitment to find innovative solutions for architecture and the construction industry.

## How does i.light work?

**i.light** is a precast panel that combines the strength of cementitious materials and the transparency effect typical of glassy materials. **i.light** revolutionizes the concept of cement wall experience, turning it from a “darkening/dimming” element into an innovative light vector.



The special plastic or vitreous matrix inserts - depending on the type of **i.light** panel chosen – allow light to flow homogeneously through the whole cementitious element. This is possible thanks to the panel's enhanced ability to capture both indirect and reflected light and bring it to the interior, which gives resulting walls an ever changing appearance with light playing an amazing show.



## The freedom to design with light

**i.light** represents a new and fascinating way to design with light. With **i.light** we can create incredible effects, from transparency to shade, and completely redesigning the mood of a room with natural and artificial light.

Light has always been one of the most incredible phenomena of nature, now you can take and shape it as it has never been done before.

## Luminous and sustainable

During daytime, exterior light filters through the **i.light** walls generating valuable energy savings, while changing levels of sunlight create an ever new and striking visual experience. At night, internal light filters towards the outside offering a spectacular play of light and shadow.

## Durable and recyclable

Experimental tests have shown that the durability of **i.light** panels is comparable to that of traditional precast panels, having as a long life cycle as that of the building. Moreover, once dismantled, **i.light** panels do not require any special treatment and can be wholly recycled.

## Versatile

**i.light** is a highly versatile architectural element. It can be used for both internal and external lighting solutions. Panels are available in different shapes, sizes and colours, letting designers' imagination run wild.

## Transparent, forever

**i.light** panels can resist the aging effect of UV rays, guaranteeing that original transparency is maintained over time. No particular maintenance is required.



## Even more sustainable

Like all other Italcementi Group products, **i.light** can be formulated by adding TX Active®, the innovative photocatalytic principle developed and patented by Italcementi Group for cementitious products.

Thanks to this technology Italcementi Group can impart self-cleaning and “smog-eating” performance to **i.light**.



Additional information can be found on **i.light**'s technical data sheet or on Italcementi Group website

[www.i-nova.net](http://www.i-nova.net)

