

i.tech

CARGO®

Benefits

- > Enhanced strength
- > Low thickness
- > Resistant to peak loads
- > Resistant to high temperatures
- > Resistant to chemical attack
- > Resistant to wear
- > Easy to install
- > Reduced maintenance costs
- > Low surface temperatures
- > No need for joints
- > Enhanced comfort

Applications

- > Road and highway tunnels
- > Road sections subjected to heavy vehicle traffic
- > Heavy duty and industrial pavements
- > Freight villages
- > Airport areas
- > Stocking warehouses
- > Logistic areas
- > Parking areas for special vehicles
- > Parking areas for shopping centers
- > Highway toll booth lanes
- > Tram and bus stop lanes
- > Maneuver areas for military equipment



Italcementi Group

A world class local business

Italcementi S.p.A.

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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

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



Ultra-strong pavements



i.tech



CARGO®

What if a cement could make your pavement stronger?

Discover **i.tech CARGO**, the solution for ultra-strong paving projects



Easier installation compared to traditional solutions

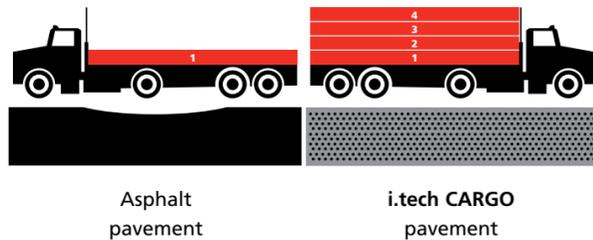


Enhanced durability and resistance to hydrocarbons



Greater resistance to high temperatures compared to asphalt

Up to 4 times stronger



i.tech CARGO is the ideal solution for building very thin and still strong and flexible pavements. Thanks to its high rheological performance (high flowability), **i.tech CARGO**, can percolate through highly porous asphalt pavements. As a result, it fills the voids and forms a monolithic structure that can withstand heavy loads both under static and dynamic conditions (by combining enhanced physical and chemical resistance with high strength).

i.tech CARGO is an innovative self-percolating cementitious grout ideal for making semi-flexible pavements designed for heavy loads.

i.tech CARGO, considerably improves the physical and mechanical properties of highly-porous bitumen pavements.



Ease of installation

i.tech CARGO is easy and quick to place. Thanks to its ultra fluid properties, it penetrates without mechanical vibration thus saving on time and labor compared to traditional application techniques.

Less maintenance

Compared to traditional asphalt pavement, **i.tech CARGO** eliminates such phenomena as rutting and wear, enhances durability and reduces ordinary maintenance costs.

Sustainability

i.tech CARGO makes less use of bituminous binders and associated polluting oils. Moreover, thanks to its bright colored surface (albedo effect), **i.tech CARGO** reduces the pavement's temperature and improves comfort.

Greater safety

Pavement surfaces made with **i.tech CARGO**, either bush-hammered or shot-blasted, can offer excellent traffic flow performance. What's more, the jointless overlay guarantees driving safety and comfort.

High heat resistance

A special cementitious matrix makes **i.tech CARGO** definitely more resistant to high temperatures than the traditional asphalt-based solutions. **i.tech CARGO** contributes to promoting safety as it does not undergo the traditional heat deformation phenomena.

Pigmentable

Any pavement made with **i.tech CARGO** can be custom-made at the building site by adding natural pigments that give the mix a smooth homogeneous colour.



Even more sustainable

Like other Italcementi Group products, **i.tech CARGO** can be formulated with TX Active®, the innovative photocatalytic principle for cement-based products, developed and patented by Italcementi Group. This technology provides **i.tech CARGO** pavements with depolluting and 'smog-eating' properties.



Check out other products in the **i.tech** family, to ensure very high strength and safety performance, visiting www.i-nova.net



i.tech CARGO is one of the products resulting from Italcementi Group's continued commitment to developing innovative solutions for the building & construction industry.

Additional information can be found on **i.tech CARGO**'s technical data sheet or on Italcementi Group websites: www.italcementigroup.com and www.i-nova.net

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