

## MODERN ARCHITECTURE IN IRON-PLACE CONCRETE STRUCTURES

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ABSTRACT	KEYWORDS
This article is about the role of reinforced concrete structures in modern architecture, and the advantages of reinforced concrete structures speak about their capabilities	Modern architecture, reinforced concrete structures. strength, steel, skyscrapers, industrial buildings, flexibility.

### Introduction

Modern architecture in the field of iron-concrete designs plays an extremely important role. Their high strong, fire-resistant materials in the construction of these buildings has become an integral and economical tool. Iron-on his betonni be widely applied not only technical, but also contribute to the aesthetic aspects also make great modern architecture.

### THE MAIN PART

Reinforced concretehis komstruktsiyalar content , structure and use of the possibility at the level of a number of advantages it has. Below this is the advantage of the features about a wider reference we will give.

**Consistency and durability.** Iron-concrete buildings, modern architecture, one of the main advantages of their steadfastness. Reinforced concrete can withstand very large loads, which makes it one of the main materials in the construction of high-rise buildings and industrial structures. These designs and serves the long-term resistant against natural disasters.

Iron-concrete structures in concrete and steel fittings will work together. Shrinkage of concrete is the material of allowing a good tolerance to the forces, the power to pull the steel fittings is to resist. This secondary feature that no one of them can fulfill the demands of the material itself will have the ability to carry loads. Steel reinforcement adopts the tensile forces of concrete, which increases the overall stability of the structures. For this reason, iron-concrete bridges, buildings and other complex structures is used in a wide skyscraper.

Reinforced concretethe ability to carry his load of multi-storey buildings construction is important. Their stiffness and resistance to withstand the load of the building ensures vertical and horizontal.

Heavy industrial machines and equipment facilities installed for Reinforced concrete of decisive importance is the ability to carry his load. They will hold weight loads stable in the large.

Iron-concrete designs to external influences, including wind, earth, water, and a high level of resistance against earthquakes. This is their long-term service. They stand for cover steel fittings and concrete is better protected from corrosion. This iron-on care allows you to work for long periods of time without additional implementation of concrete structures.

## **Fire-Resistance**

Iron-concrete material is resistant to high temperature, is important in ensuring fire safety. This increases the level of security in residential and commercial buildings and will help you to save the life of the man slows down and the spread of fire.

Iron-on his betonni be widely applied not only technical, but also contribute to the aesthetic aspects also make great modern architecture.

Iron-its flexibility allows architects and designers to create complex forms for various betonni. Exercising facilitates innovative and creative design of this modern building. Reinforced concretethe modern architecture of its smooth and aesthetic appearance makes it more attractive.

Iron-concrete designs in architecture different type bin support facilities in the construction is used. In this section, we will talk about the places of application of reinforced concrete structures.

**Multi-storey buildings** Multi-storey buildings and buildings osmono'par iron-concrete is built based on designs. This gives them the consistency and stability. Iron-solid betonni top of many-storeyed buildings is important. They carry big loads to withstand the forces that rises and falls down due to the ability to provide. Backed with steel fittings makes it relatively resistant to earthquake and strong wind designs concrete buildings.

**Bridge and tunnel are** Bridge and tunnel construction Reinforced concreteits ability to carry high load and resistance is of great importance. These long years of service facilities to be iron-concrete is the ideal material. Iron-transport large amounts because they are widely used in the construction of concrete bridges and tunnels and other tools will keep loads stable. These buildings will serve a long time and requires minimal maintenance.

**Commercial and industrial facilities.** Large amounts of commercial and industrial buildings, for example, plants, warehouse and also iron trade centers-is the implementation of the construction of concrete structures. Since iron is the reason that these facilities should be resistant to the high load-concrete is ideal. They allow you to cover a large area. Reinforced concreteto its flexibility allows you to create various design architects, that increases the functionality of this commercial building.

**Frugality and stability.** Iron-concrete building designs and reduces operating costs. Long-term service life and less maintenance required makes this material to be environmentally sustainable. Iron-moments concrete for hydraulic structures and other water reservoir is used. Their resistance to water and pressure is important. These facilities long-term stability in the management of water resources and provides a reliable option. Iron-concrete road transport heavy cargo plates is resistant to long-term

the term of service and provides security. The way different structures suitable to the climate conditions and corrosion resistant.

## CONCLUSION

Iron in modern architecture-concrete plays an important role in designs. They are high in solid, is widely applied in different fields due to its resistance and flexibility. Reinforced concrete its features, this multi-storied buildings, bridges, industrial facilities and other will become the ideal material for complex projects.

They're not only durable and resistant, but also also accessible from the aesthetic and economic aspects, is widely used in the construction of modern buildings. Iron-beton the future of architecture projects will become the ideal material for its high quality. Iron and concrete structures ability to carry load of them will become an indispensable material in the field of modern architecture and solid construction. Their joint work to a high level of stability and durability with steel fittings gives various facilities in the implementation of complex projects while this is important. They're not only durable and resistant, but also from the aesthetic aspect is also attractive. reinforced concrete the future of architecture projects will become the ideal material for its high quality. Modern facilities in iron-making takes its wide betonni to be applied to a more robust and secure architecture.

## References

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