



Group of Companies

Morplast
Agadir

Empowering Composite Excellence

FIBERGLASS REBAR

modern technologies

Igniting the Composite Revolution : Pioneering Change in the Moroccan Market


With our extensive experience and knowledge in composite manufacturing, we confidently position ourselves as the vanguard of a transformative revolution in the Moroccan market

Our upcoming factory, Morplast Agadir Composite Fiberglass Plastic Armature is on the verge of launching a game-changing factory that will redefine the very fabric of the Moroccan industry.


Spanning over 3000 m², the factory will house cutting-edge technology and advanced machinery. Every aspect of its construction and layout is meticulously crafted to optimize efficiency and productivity. We are leaving no stone unturned in ensuring that our factory is a shining example of modern engineering in Morocco.

Our dedicated team of experts will oversee every stage of production, ensuring that each product leaving our factory is meeting and exceeding industry standards, including the stringent requirements outlined in the GOST 31938-2012 Interstate standard.


As we embark on this transformative journey, we invite you to join us in shaping the future of construction. Morplast Composite Fiberglass Plastic Armature will not only be a symbol of our passion and expertise but also a testament to the limitless possibilities that composite materials offer. Together, let's forge a path of innovation, progress, and success.



2023 Renaissance year :
8 lines for the production
of composite fibreglass
rebar
4 production line for
composite mesh



2028 year:
12 lines for the production
of composite fibreglass rebar
7 production line for composite
mesh



2033 year Projection:
16 lines for the production
of composite fibreglass rebar
9 production lines for
composite mesh

The history of the development of composite materials

In the USSR in the 60s of the last century, has been developed the continuous reinforcement of alkali-resistant glass fiber manufacturing technology



Test bridge of composite rebar

1960



experimental foundation work using composite rebar

1975



solid foundation with composite rebar

1990



the walls of the frame composite rebar

2000



modern building using composite materials

2017



widespread design use with composites material

2021

The first high-strength composites, ancestors of modern composite materials, have appeared in the 30s of the last century in the United States and the first objects with fiberglass were built to reinforce the foundation and walls. The experience was very successful, and composite materials have become steadily gaining momentum. The widespread use of composites received during the war, because they were used much more convenient and cheaper metal. Soviet composite industry developed less dynamically, as the war has slowed the development of their own, but in the postwar period was increased to several times every year.

Morplast Agadir Fueling success



Scaling New Heights:
4.2 Million Meters
Monthly Composite Rebar Goal



Dominating the Market:
900K Meters
of Revolutionary Composite
Mesh goal

Revolutionizing Production

Morplastag's Cutting-edge Node Technology Delivers Cost Reduction, Unmatched Efficiency, and Unwavering Product Excellence



Only Certified products

Uncompromising Quality: Morplastag's Certified Products Exceed Industry Standards with Rigorous Testing, Compliant Certifications, and Technologically Advanced Manufacturing Methods



CERTIFICATE FOR PRODUCTION LINES



DECLARATION OF LINE



CERTIFICATE FOR FIBERGLASS REBAR



The flexible connection of the composite rebar release form



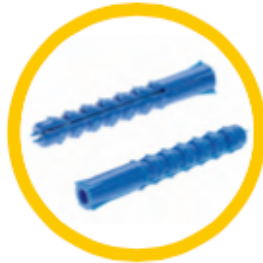
fiberglass flexible
connection



basalt flexible
connection



front dowel



anchor

Composite mesh

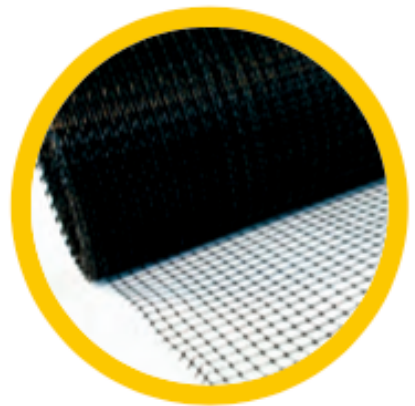
release form



Fiberglass mesh



Basalt construction mesh



Road mesh

Composite rebar

Types of valves



fiberglass rebar



basalt rebar



fiberglass and
basalt rebar



fiberglass rebar with
sand coated



fiberglass rebar with sand
coated and profile

The composition of the fiberglass rebar



Glass roving or
basalt



The main component of
epoxy resin



Curing
methyltetrahydrophthalic
anhydride (MTHPA)



Accelerator catalyst
ATK-02.1



Form release valve

Produced diameters:

from 4 to 36 mm and more

rebar with diameters from 4 mm to 12 mm is packed in the coil, as well as cut rods made any length

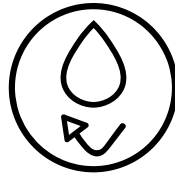
fiberglass rebar diameter of 14 to 36 mm made of any length rods (as well as fiberglass rebar from 4 to 12 mm at the request of the customer)

Our equipment allows us to produce composite rebar with a diameter of over 36 mm

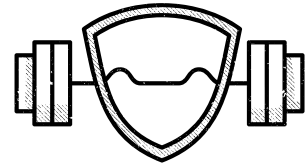
Revolutionizing Reinforcement with Unparalleled Advantages



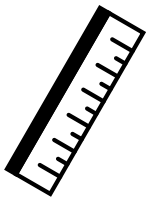
Achieve up to 60% Cost Benefit by Switching to Composite Rebar



100% Rust-Free, Water-Resistant, and Preserve Concrete Integrity



Composite Rebar, 2-2.5 Times Stronger than Metal



Tailored Lengths for Your Needs: Fibreglass Rebar Produced to Your Specifications, Unlike Fixed-Length Metal Bars



Extended Structural Lifespan: Boost Your Structure's Lifespan by 2-3 Times (50-80) Years



Efficiency Unleashed: Significantly Reduce Transportation and Handling Costs, Streamline On-Site Operations with 9 Times Lighter Composite Rebar



Enhanced Versatility: Composite Rebar Offers Flexible Fixing Options with Wire or Plastic Connections



Unwavering Performance in Extreme Temperatures: Composite Rebar Maintains its Strength and Integrity from -70 to +200 degrees Celsius



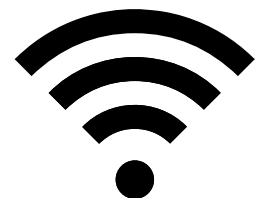
Revolutionary Thermal Insulation: Composite Rebar Boasts 100 Times Lower Thermal Conductivity than Steel, Dramatically Reducing Heat Loss



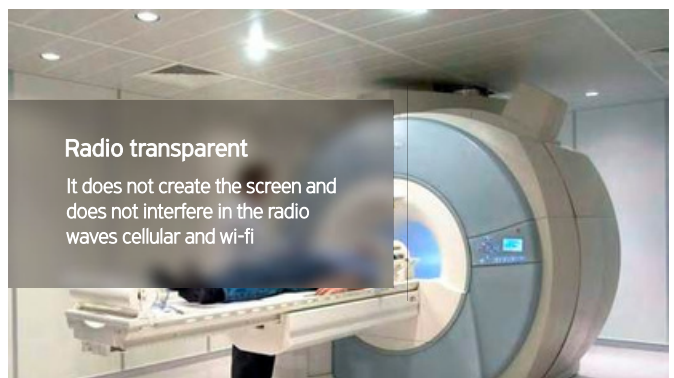
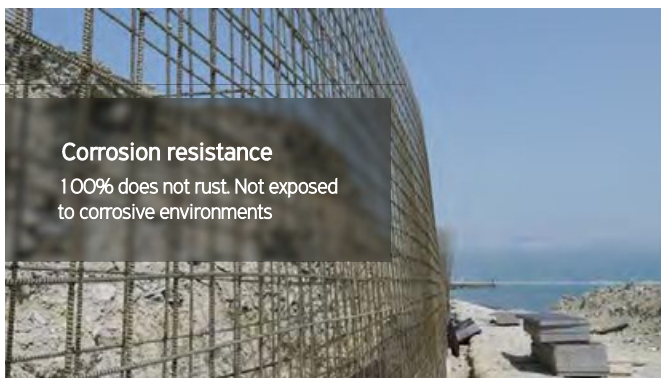
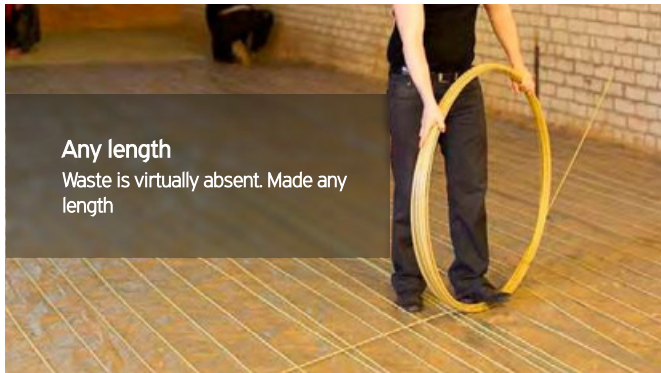
Electrical Insulation at its Finest: Composite Rebar Provides Non-Conductive Excellence



Green Solutions for a Sustainable Future: Composite Rebar, Environmentally Friendly and Compliant with European Standards



Seamless Connectivity: Composite Rebar, Radio Transparent for Uninterrupted Communication



The main applications composite rebar



Building

Groundwork (to date, the best fiberglass rebar reinforcing material for the device strip foundations and foundation slabs casting)

Road construction



Reinforcement of asphalt pavement helps to solve the problem of occurrence of potholes, cracks, holes formation caused by temperature fluctuations, heavy traffic load

Foundations of residential and industrial buildings, industrial floors



Sea and river facilities



Concrete parking, road slabs and paving slabs



Railway sleepers



Agriculture



Bank revetment





The use composite rebar for pouring the foundation Megamarket



The use composite rebar for waterproofing roofs



Construction trellis vines

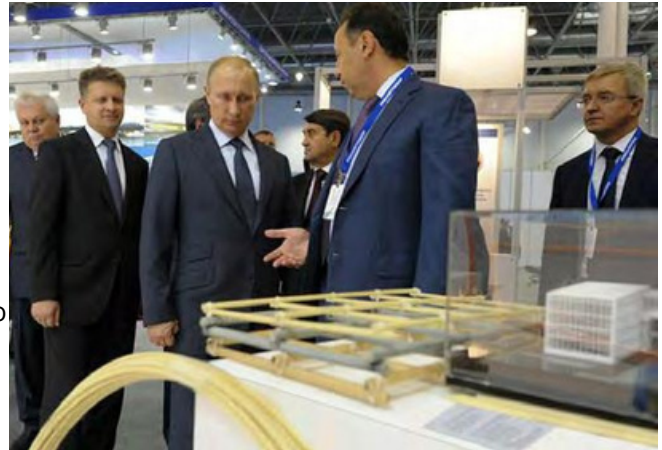


Construction of potato storage



Revolutionizing Morocco's Industries: The Composite Industry's Unstoppable Rise

Brace yourself for the composite industry revolution in Morocco! Experience a seismic shift as cutting-edge composite materials reshape sectors with their unrivaled strength, durability, and versatility. With the market poised for remarkable growth, the demand for lightweight and high-performance materials is soaring. From architectural marvels to advanced manufacturing, the potential is limitless. Embrace the future of materials and position yourself at the forefront of innovation. Now is the time to ride the wave of exponential growth and become a driving force in Morocco's composite industry. Don't miss out on this opportunity to shape the future and reap the rewards of this transformative technology.



The Moroccan market presents a promising opportunity for the adoption of composite rebar technology. As the construction market volume continues to expand, it's clear that this technology is poised to make a lasting impact.

From private buildings to multi-story housing projects, monolithic constructions, and the manufacturing of concrete products, every sector plays a vital role in driving the soaring demand for composite fiberglass and basalt rebar.

By introducing this groundbreaking technology to the Moroccan market, we will revolutionize the construction landscape and seize the untapped potential that awaits. It's time to embrace the future of construction with composite rebar, making Morocco a trailblazer in this game-changing innovation.

2023 will introduce the era of composite rebar technology in the Moroccan market. By doing so, we can play a pivotal role in shaping the future of construction in Morocco, unlocking untapped opportunities, and driving innovation in the industry.

Get ready to make your mark with us on the Moroccan construction scene with composite rebar technology.



Unlocking the Power of Trust: Morplastag's Elite Partnerships

At Morplastag, we pride ourselves on serving a prestigious clientele, including industry leaders like Tatneft, Metrostoy, Special Construction of Russia, and Moscow Metro. These esteemed companies demand nothing less than impeccable quality, and we deliver precisely that. Our track record of successful collaborations with renowned global enterprises is a testament to our commitment to excellence.

When it comes to trust, we leave no room for compromise. We adhere strictly to timelines and delivery schedules, ensuring seamless operations and utmost client satisfaction. Our reach extends far and wide, covering international markets.

Morplastag's expertise has earned a stellar reputation, consistently exceeding expectations. With our unwavering dedication to excellence, we have solidified our position as the preferred choice for discerning clients worldwide. Experience the Morplastag difference and join our esteemed network of industry leaders.



СПЕЦСТРОЙ РОССИИ



LUKOIL



РОШАНО



РОСАТОМ



ФЕДЕРАЛЬНОЕ ДОРОЖНОЕ АГЕНТСТВО
РОСАВТОДОР



Московский
Метрополитен



ПЕТЕРБУРГСКИЙ
МЕТРОПОЛИТЕН



РОСНЕФТЬ





Empowering Composite Excellence

With us You will always be able to find high quality products in full compliance with the required specifications and at attractive prices

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For all questions you are interested in, write to e-mail

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