



PINKBAR® FIBERGLAS™ REBAR FAQS

How does PINKBAR® compare to other composite rebar?

Not all composite rebars are the same. PINKBAR® meets physical and mechanical requirements of ASTM D7957 material standard. Production lot certificates are provided upon request and purchase of PINKBAR®. PINKBAR® is made from boron-free Advantex® E-CR glass fibers and epoxy resin for increased durability and quality. Other composite rebar may claim to meet ASTM D7957 but may not use compliant materials.

Does PINKBAR® bond well with concrete?

Bond of rebar with the concrete impacts the structure's strength and ability to control cracking. The proprietary sand coating of PINKBAR® provides a strong mechanical bond with concrete. Rigorous testing has proven that PINKBAR® meets ASTM D7957 requirements for bond strength.

Can you bend PINKBAR®?

PINKBAR® cannot be bent into 90-degree corners once it is fabricated to shape. Bent bars, such as 24-by-24-inch corners, are available. Please reach out to your PINKBAR™ area sales manager. If necessary, PINKBAR® is compatible with steel corners for your specific project. Lap splicing rules are provided in ACI 440.

Can I use PINKBAR® in vertical applications?

PINKBAR® Fiberglas™ Rebar meets the physical and mechanical properties of ASTM D7957 — Standard Specification for Solid Round Glass Fiber Reinforced Polymer Bars for Concrete Reinforcement and can, therefore, be used in accordance with design guidelines from the American Concrete Institute (ACI). This allows for safe implementation of PINKBAR® Fiberglas™ Rebar in vertical applications, such as footings and basement walls. Care should be taken to design the structure with appropriate standards to ensure proper implementation of PINKBAR® Fiberglas™ Rebar. Factors unrelated to PINKBAR® Fiberglas™ Rebar, such as wall height, soil type, design, engineering, installation or implementation, and the thickness and the strength of concrete may affect performance of the structure.

Can PINKBAR® be used to replace steel wire mesh for concrete reinforcement?

Yes. Generally, #2 and #3 PINKBAR® are used to replace mesh. Bar size and spacing depend on the size of mesh being replaced.

Is PINKBAR® approved by the building codes?

Reinforcement is often not specified for residential flatwork. The IBC refers to the ICC-ES AC454 standard for fiberglass rebar. PINKBAR® meets ICC-ES AC454 acceptance criteria but is pending certification from ICC-ES. This is expected in the latter part of 2021. PINKBAR® is approved in Wisconsin, and we are working on obtaining additional approvals. Our technical team can work with building officials to validate the suitability of PINKBAR® for your specific project.



Owens Corning Infrastructure Solutions, LLC
One Owens Corning Parkway
Toledo, Ohio, USA 43659
Ph: 1-855-OC-Rebar



<https://www.owenscorning.com/pinkbar>

What sizes of PINKBAR are available?

PINKBAR® comes in standard sizes #2, #3, #4, and #5. Typically, #3, #4, or #5 are suitable for most flatwork applications. For sizes greater than #5, we recommend using MATEENBAR™ Fiberglas™ Rebar by Owens Corning.

How is PINKBAR® packaged?

PINKBAR® comes in standard 20-foot lengths and is bound together in bundles and larger master packs.

Can you get splinters from handling PINKBAR®?

PINKBAR® has a layer of proprietary sand coating that not only gives it superior bond strength with concrete but also protects against splinters due to glass fibers. We recommend handling PINKBAR® with proper PPE, which will greatly reduce any splinters.

Do you need to wear a respirator when cutting the bar?

No, a respirator is not required when cutting the bar, but proper ventilation is recommended if cutting in a confined space. Please see our Safety Use Instruction Sheet for more information.

What about using PINKBAR® in pools?

Yes, PINKBAR® is suited for pool decks and floors. PINKBAR® is non-conductive, which may reduce the amount of grounding efforts, and the flexibility of the bar makes forming to curvature easier. Please work with one of our technical teams to ensure appropriate conversion is done for liners.

Are there any issues with PINKBAR® floating?

While in practice this has not been an issue, in theory, the lower density of fiberglass rebar can increase its chance of floating during compaction. To ensure this does not occur, simply tying down the mat periodically can prevent this.

What are the other Owens Corning Fiberglas™ Rebar products?

Owens Corning Infrastructure Solutions has a portfolio of reinforcing products for your specific needs.

- MATEENBAR™ Fiberglas™ Rebar is a high-modulus, fiberglass rebar used in heavy load infrastructure projects, including bridges, sea walls, high-speed rail plinths, tunnel diaphragm walls or "soft-eyes," and foundation systems.
- Owens Corning Fiberglas™ Dowel Bar is a smooth fiberglass dowel bar that is used for load transfer between concrete slabs in applications like jointed concrete paving, industrial flooring, high-speed tollways, canals and waterways, and connections to mechanically stabilized earth structures.

Where is PINKBAR® available?

PINKBAR® is readily available across the U.S. Please click [Where to Buy](#) or visit www.owenscorning.com/pinkbar for updated PINKBAR® availability. If PINKBAR® is not available in your area, please reach out to your PINKBAR® area sales manager.

**CALCULATE
SAVINGS IN
FLATWORK**



This information and data contained herein is offered solely as a guide in the selection of product. We believe this information to be reliable, but we do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application of the product to determine its suitability. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe on any patent or violate any law, safety code, or insurance regulation. We reserve the right to modify this document without prior notice.

Pub No. 10024670. June 2021. English.

THE PINK PANTHER™ & © 1964–2021 Metro-Goldwyn-Mayer Studios Inc. All Rights Reserved. The color PINK is a registered trademark of Owens Corning. © 2021 Owens Corning. All Rights Reserved.