



[Manuals.plus](#) /
› [FengYoo](#) /
› FengYoo 16"X12" 14 Gauge Expanded Metal Sheet User Manual

FengYoo B0CQKJGCJL

User Manual: FengYoo 16"X12" 14 Gauge Expanded Metal Sheet

Model: B0CQKJGCJL

1. PRODUCT OVERVIEW

The FengYoo 16"X12" 14 Gauge Expanded Metal Sheet is a durable and versatile steel plate, designed for various applications. It features a diamond-shaped mesh with dimensions of 0.6"X1.6" and a thickness of 14GA (approximately 0.08"). This metal grate is shipped flat and is not curled, ensuring ease of handling and installation.

It is manufactured by stamping steel plate, not by welding or braiding, which contributes to its robust nature. The open area of the mesh is approximately 80%. This product is suitable for a wide range of uses, including screen door guards, window security grills, and decorative sheet metal applications.

Product Visuals



Figure 1: Close-up of the expanded metal mesh, showing the diamond pattern and the thickness of the material. A hand is visible behind the mesh, demonstrating the open structure.

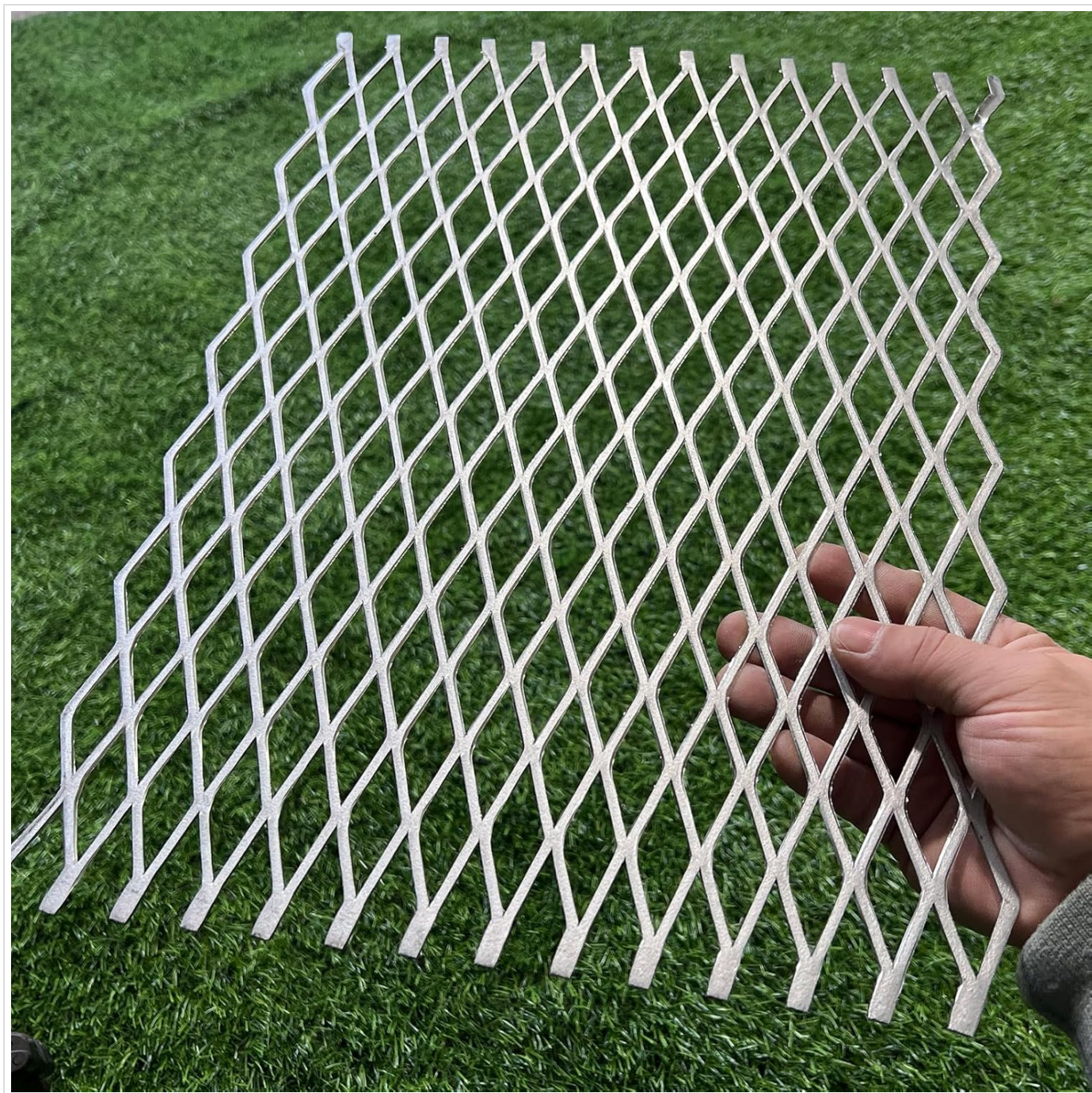


Figure 2: A person holding a 16"x12" expanded metal sheet over green artificial grass, showcasing its size and flat form.

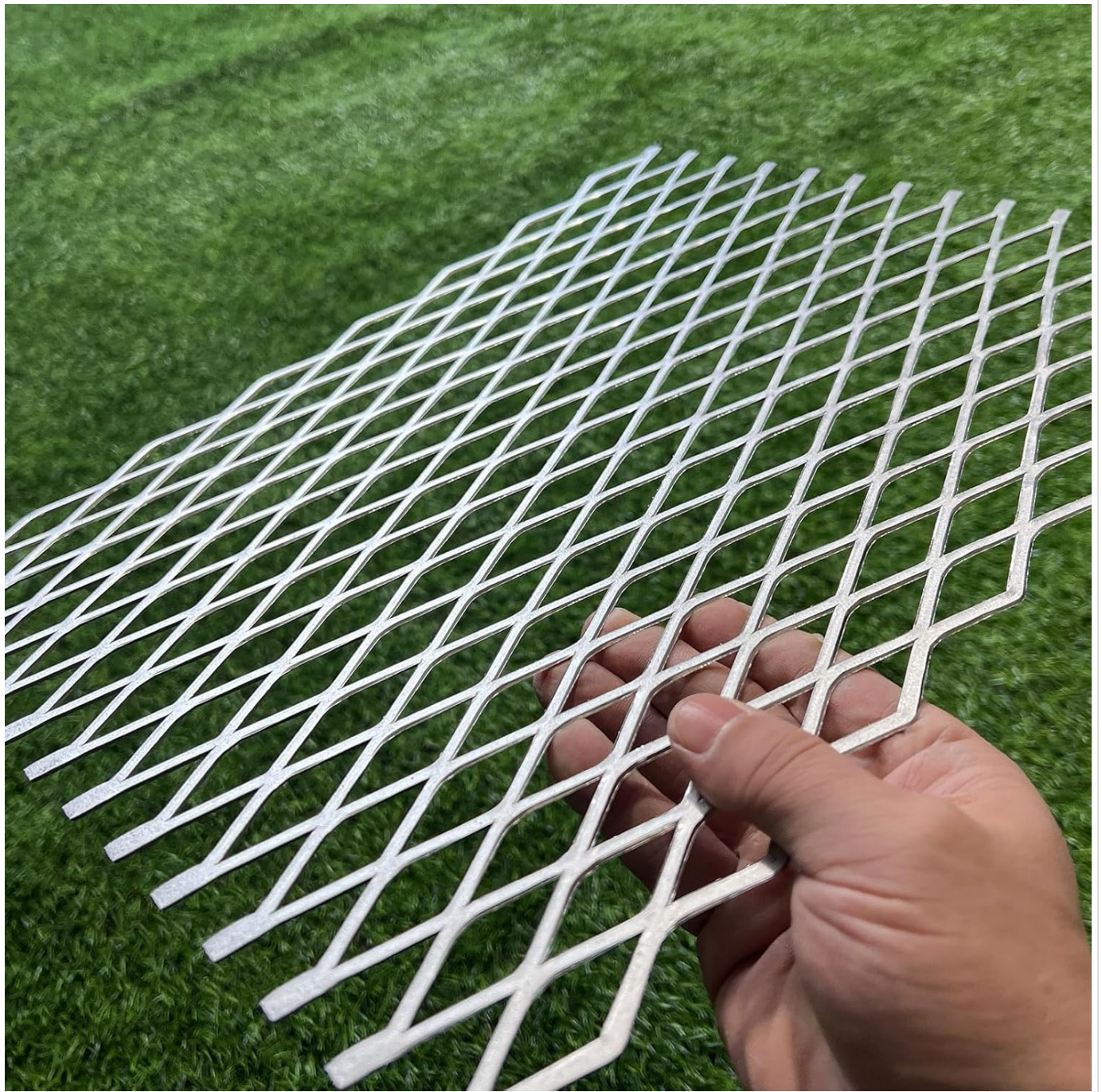


Figure 3: A person holding a 16"x12" expanded metal sheet, showing the diamond mesh pattern against a green background.

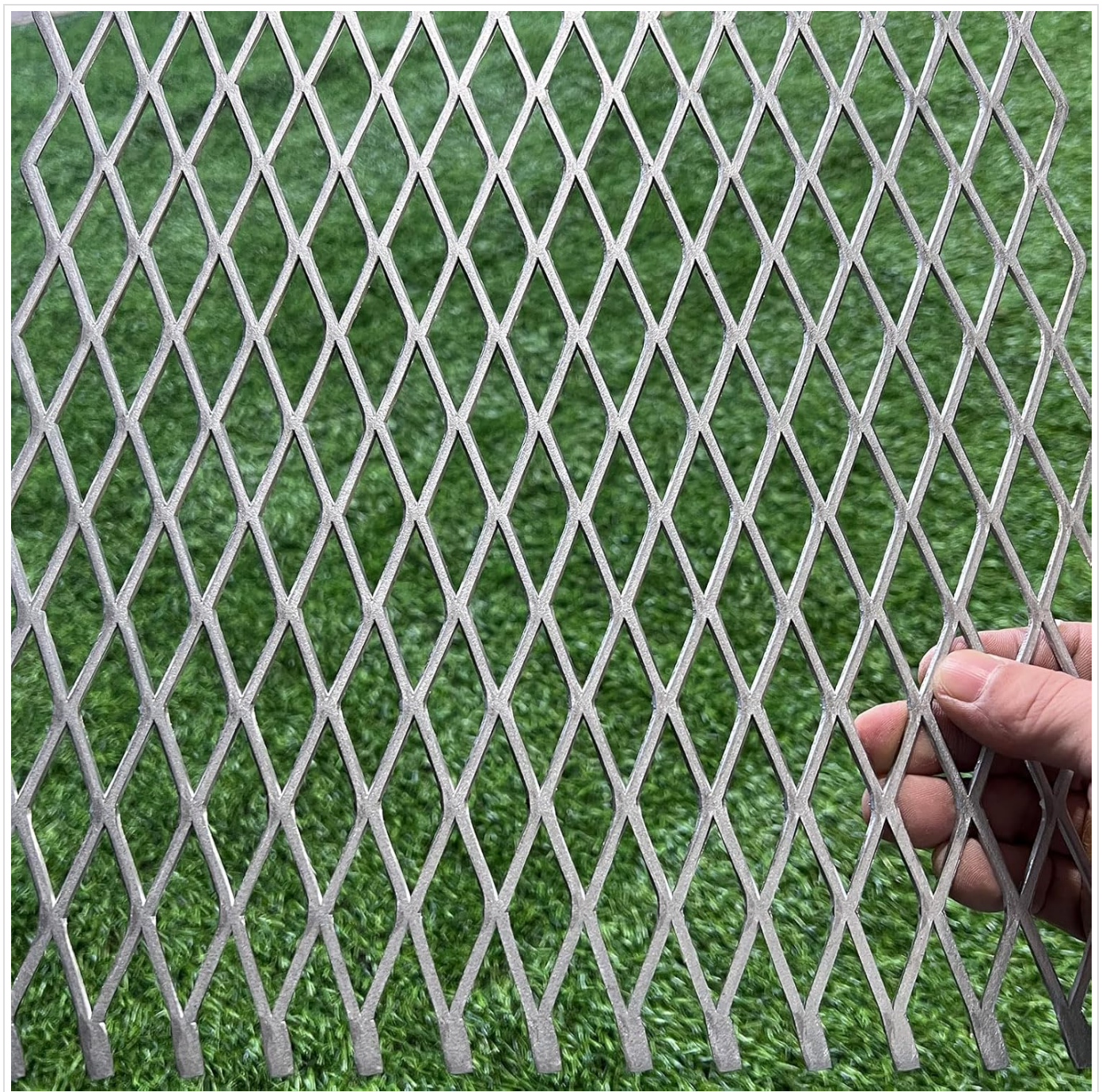


Figure 4: Close-up of the expanded metal mesh, with a hand behind it, highlighting the diamond-shaped openings and the material's structure.

Product Video



Video 1: This video demonstrates the unboxing and handling of the 16"x12" expanded metal sheet, showcasing its flexibility, flat packaging, and the diamond mesh structure. It provides a visual representation of the product's physical characteristics.

2. SPECIFICATIONS

Attribute	Value
Product Dimensions	16 x 12 x 0.08 inches
Weight	1.2 Pounds

Attribute	Value
Material	Steel
Mesh Type	Expanded Metal, Diamond Mesh
Mesh Size	0.6"X1.6"
Thickness	14GA (approx. 0.08")
Shape	Rectangular
Manufacturer	FengYoo

3. INSTALLATION GUIDELINES

This expanded metal sheet is designed for various applications, including screen door guards, window security grills, and decorative purposes. Due to its robust nature, specific tools are required for modification.

- **Cutting:** Ordinary scissors are insufficient for cutting this 14-gauge steel mesh. An angle grinder is recommended for precise and effective cuts. Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating power tools.
- **Shaping:** While the sheet is shipped flat, it can be bent or shaped for specific applications. Use appropriate metal bending tools or techniques to achieve desired forms.
- **Attachment:** Secure the metal sheet using appropriate fasteners such as screws, bolts, or welding, depending on the mounting surface and application requirements. Ensure a secure and stable attachment to prevent movement or detachment.

4. CARE AND MAINTENANCE

The expanded metal mesh is supplied as bare steel and may exhibit surface rust upon receipt. This is normal and does not affect its structural integrity. Proper care and maintenance will ensure the longevity and aesthetic appeal of the product.

- **Rust Prevention:** To prevent further rust and enhance durability, it is highly recommended to apply an anti-rust paint or primer immediately after unpacking, especially if the product will be exposed to moisture or outdoor elements.
- **Finishing:** After applying an anti-rust coating, you can spray the mesh with any color paint you prefer to match your project's aesthetic.
- **Cleaning:** Periodically clean the mesh with a damp cloth to remove dust and debris. For stubborn dirt, a mild detergent can be used, followed by thorough rinsing and drying to prevent water spots or rust.
- **Inspection:** Regularly inspect the mesh for any signs of damage or excessive wear, especially if used in high-stress applications.

5. TROUBLESHOOTING

This section addresses common concerns and provides solutions for the FengYoo Expanded Metal Sheet.

- **Issue: Surface Rust Present Upon Arrival**
Solution: The product is bare steel and may naturally develop surface rust during transit or storage. This is not a defect. Apply an anti-rust primer and paint before installation to protect the material and achieve desired aesthetics.

- **Issue: Difficulty Cutting the Mesh**

Solution: This 14-gauge steel mesh is very strong. Standard household scissors or tin snips are not suitable. Use an angle grinder with an appropriate metal cutting disc for effective and clean cuts. Always prioritize safety by wearing protective gear.

- **Issue: Mesh Appears Bent or Not Flat**

Solution: The product is shipped flat. If it appears slightly bent due to handling, it can typically be flattened by applying even pressure or by carefully bending it back into shape. For significant deformation, consider using a flat, sturdy surface and a mallet (with a protective cloth) to gently tap it flat.

6. WARRANTY AND SUPPORT

FengYoo is committed to customer satisfaction. If you have any questions, concerns, or are dissatisfied with your 16"X12" 14 Gauge Expanded Metal Sheet, please do not hesitate to contact us.

- **Customer Support:** For assistance, please reach out to FengYoo customer service. We aim to resolve any issues within 24 hours.
- **Product Information:** For additional product details or technical specifications, refer to the product listing on the retailer's website or contact FengYoo directly.