

Metty Metal Q350

# Metty Metal 2-Step Straight Handrail Instruction Manual

Model: Q350

## 1. INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and effective installation, operation, and maintenance of your Metty Metal 2-Step Straight Handrail. Designed for both outdoor and indoor use, this handrail offers reliable support and enhances safety on stairs. Please read this manual thoroughly before beginning installation or use.

## 2. PRODUCT FEATURES

- **Sturdy and Adjustable Design:** Crafted from durable wrought iron, this handrail is designed to fit 1 or 2 steps. The armrest length is 26.7 inches, overall height is 36 inches, and the center armrest is 13 inches. The angle can be adjusted to match your step rise without cutting.
- **Enhanced Safety and Ergonomics:** Features a smooth, curved, oval-shaped surface for a comfortable and secure grip, minimizing the risk of tripping.
- **Easy Installation:** The kit includes all necessary tools, parts, and hardware for assembly, along with a detailed installation guide for quick setup.
- **Versatile Application:** Suitable for various environments including front porches, balconies, gardens, and walkways. Ideal for commercial, industrial, and residential projects.

## 3. SPECIFICATIONS

| Attribute   | Value          |
|-------------|----------------|
| Brand       | Metty Metal    |
| Material    | Wrought Iron   |
| Color       | Black-Straight |
| Item Weight | 4.99 Kilograms |

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Product Dimensions (L x W) | 36"L x 25"W                                                     |
| Model Number               | Q350                                                            |
| Included Components        | Iron Handrails                                                  |
| Unit Count                 | 1.0 Count                                                       |
| Weight Capacity            | Minimum 16 ounces (structural capacity is significantly higher) |
| Finish Type                | Painted                                                         |

## 4. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Handrail assembly
- Attachment brackets
- Tightening screws
- Drill bits (for concrete and wood)
- Socket and Allen head screw adapter
- Expansion bolts (for concrete installation)
- Detailed installation guide

## 5. SAFETY INFORMATION

- Always wear appropriate safety gear, including gloves and eye protection, during installation.
- Ensure the mounting surface is structurally sound and capable of supporting the handrail and user weight.
- Use the correct hardware for your specific mounting surface (wood, concrete, brick, marble).
- Do not overtighten screws, as this may damage the handrail or mounting surface.
- Regularly inspect the handrail for any signs of wear, damage, or loose connections.
- Keep children and pets away from the installation area.

## 6. SETUP AND INSTALLATION

Follow these steps for proper installation of your Metty Metal handrail. Refer to the included detailed guide for additional illustrations.

1. **Determine Placement:** Position the handrail on your steps to ensure it covers the desired number of steps (1 or 2) and provides optimal support. The adjustable angle feature allows for flexibility.
2. **Mark Drilling Points:** Using the base plates as a template, mark the locations for drilling on your chosen surface. Ensure marks are precise for secure mounting.



Figure 6.1: Marking drilling points for the handrail base.

3. **Drill Holes:** Using the appropriate drill bit for your surface (wood, concrete, brick, marble), drill holes at the marked locations. For concrete or masonry, use a hammer drill and expansion bolts.



Figure 6.2: Drilling holes into the mounting surface.

4. **Secure the Handrail:** Align the handrail base plates with the drilled holes. Insert the tightening screws and secure the handrail firmly to the ground. Ensure all connections are tight and stable.



Figure 6.3: Securing the handrail base with bolts.



Figure 6.4: Completed installation of the handrail base.

5. **Final Check:** After installation, gently test the handrail to ensure it is stable and does not wobble. Re-tighten any loose connections if necessary.

Video 6.1: Overview of Metty Metal handrail features and installation process.

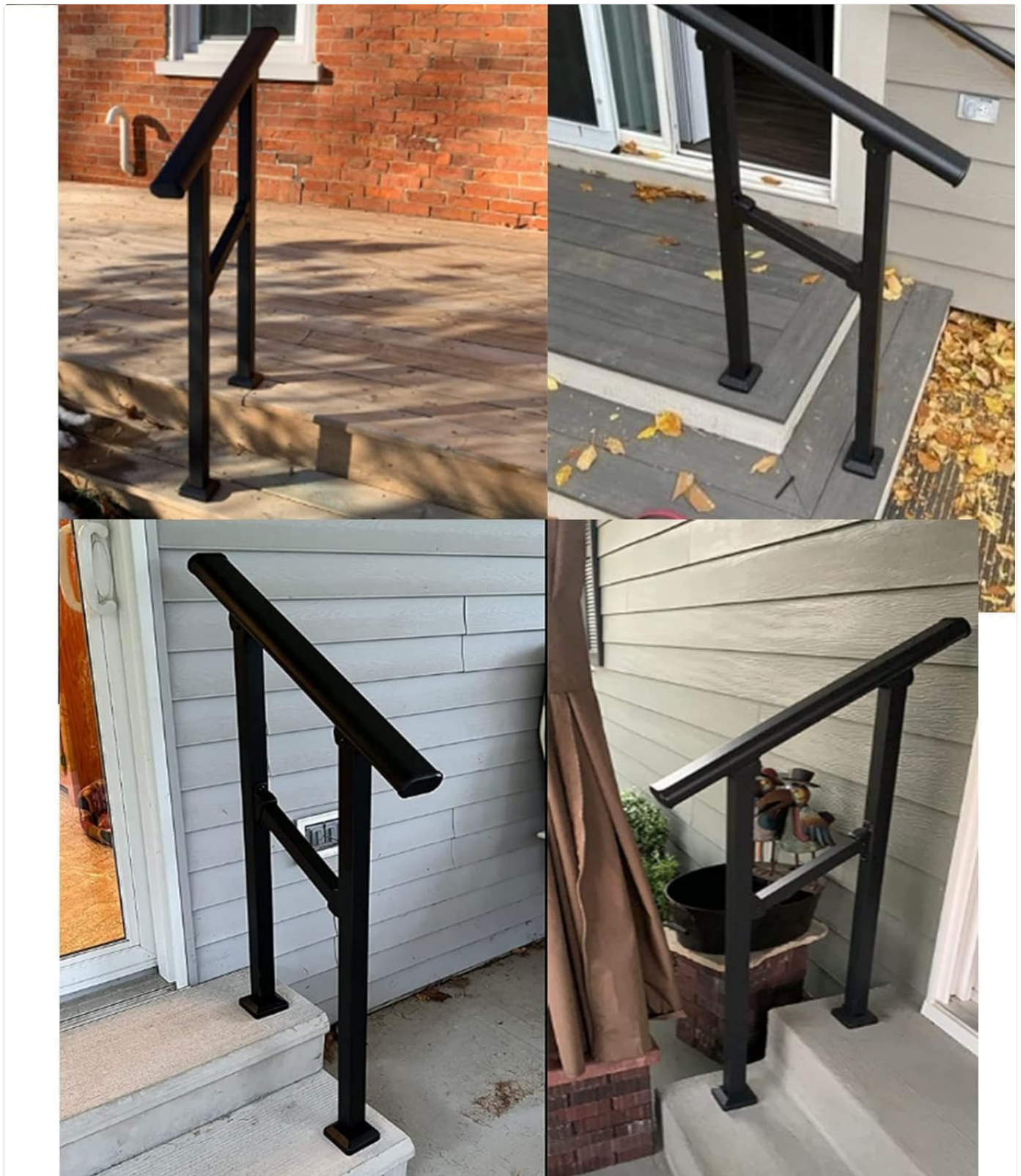


Figure 6.5: Examples of Metty Metal handrails installed on different step types.

## ***Applicable floor types***

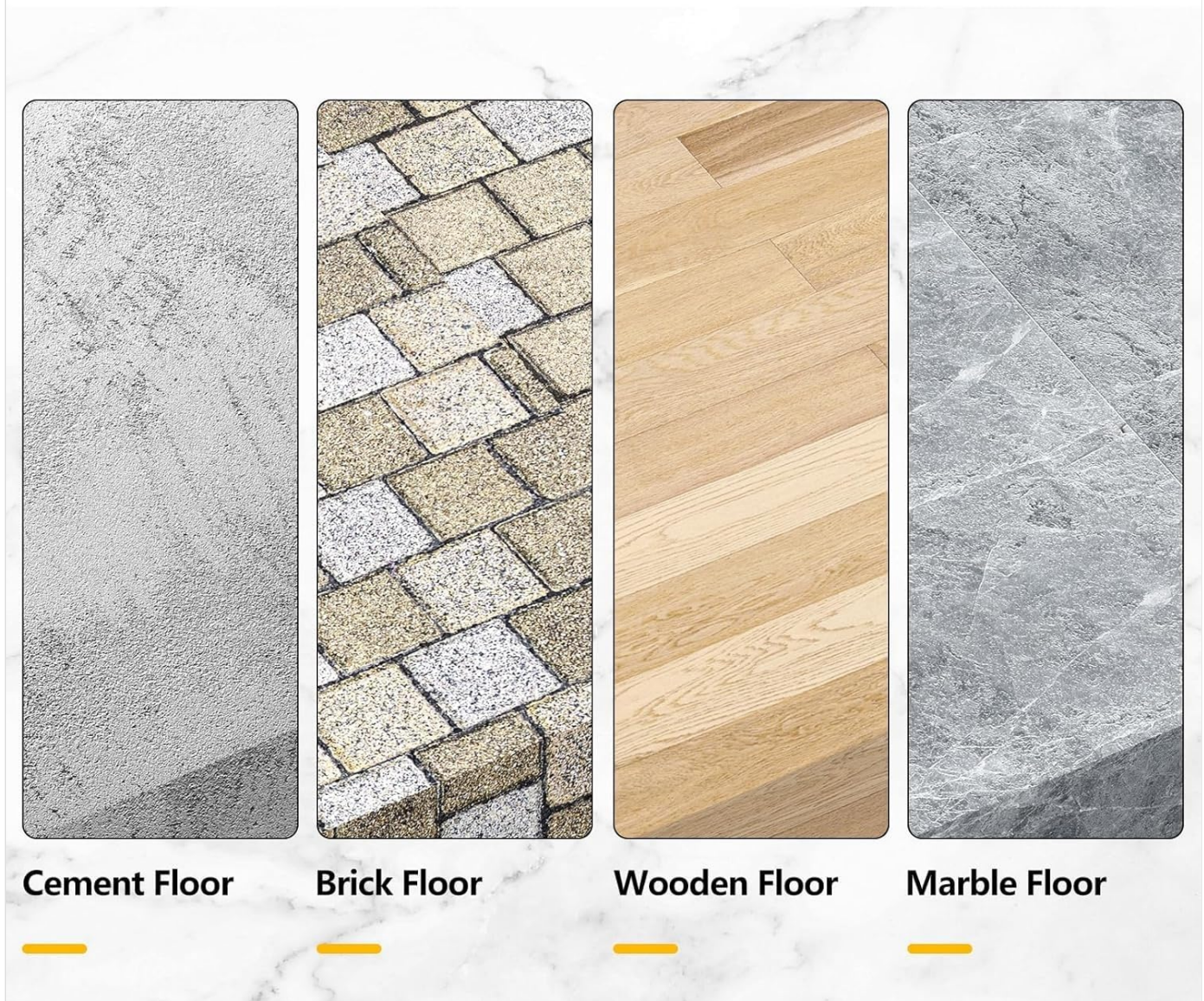


Figure 6.6: Compatible floor types for handrail installation.

## **7. OPERATION**

The Metty Metal handrail is designed to provide stable support when ascending or descending stairs. Simply grasp the handrail firmly to maintain balance and aid movement. Its smooth, oval-shaped surface ensures a comfortable and secure grip.

# Very Sturdy

Insurance companies are more willing to renew policies for those who have installed the sturdy handrails on their steps



Figure 7.1: Proper use of the handrail for support.

## 8. MAINTENANCE

- **Regular Cleaning:** Clean the handrail periodically with a mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Annually, or more frequently in harsh weather conditions, inspect all mounting points and connections for tightness. Check for any signs of rust, corrosion, or structural damage.
- **Rust Prevention:** The handrail is designed for 10 years without rusting. However, if any scratches or chips appear in the paint, touch them up promptly to prevent rust.

## Guaranteed for 10 years without rusting

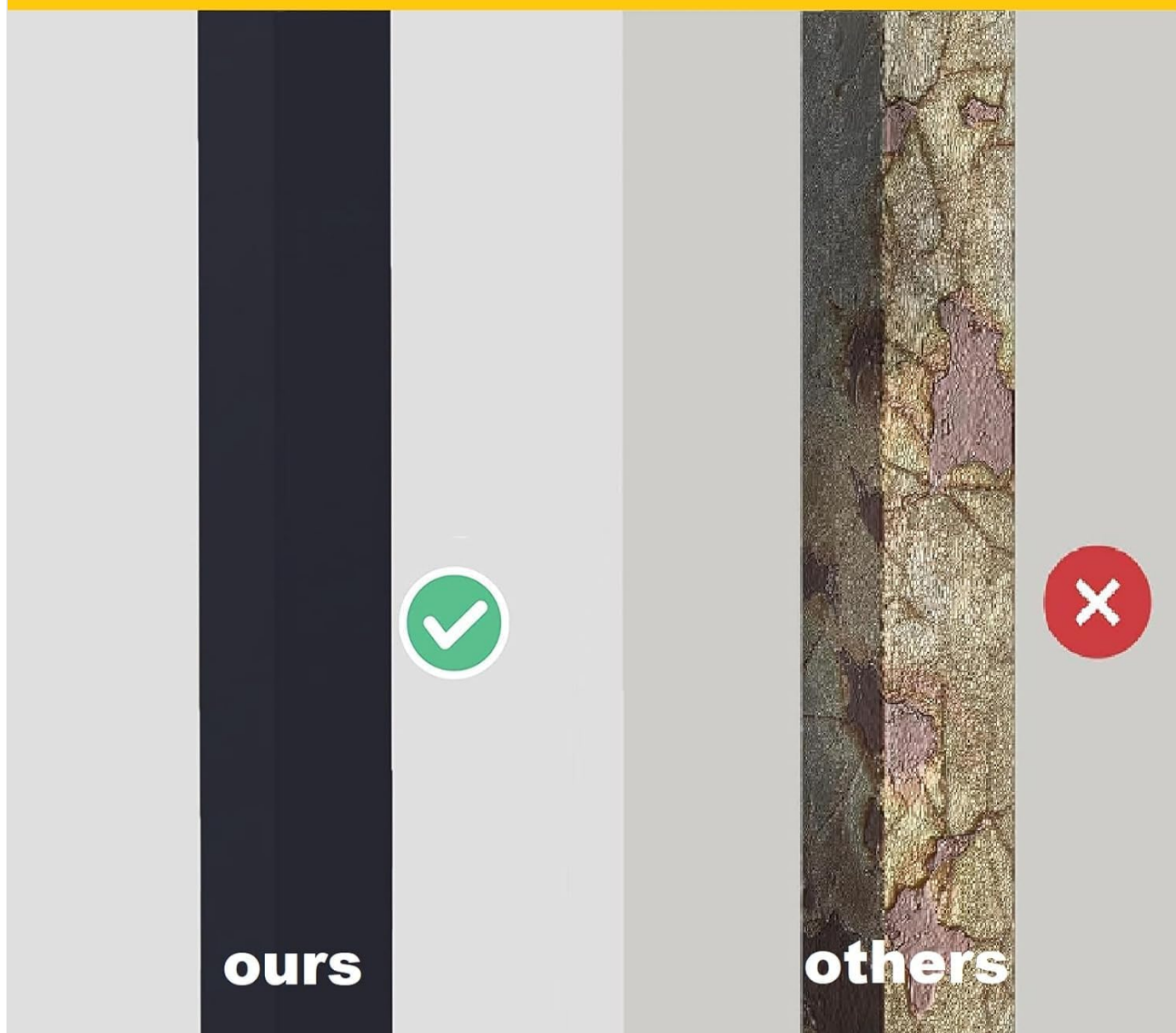


Figure 8.1: Metty Metal handrails are designed for long-term rust resistance.

## 9. TROUBLESHOOTING

- **Handrail feels loose:** Check all mounting bolts and screws. Tighten them securely. If the mounting surface is damaged, consider reinforcing it or relocating the handrail if possible.
- **Difficulty adjusting angle:** Ensure all adjustment bolts are loosened before attempting to change the angle. Do not force the adjustment.
- **Surface rust appears:** Clean the affected area thoroughly, remove any loose rust, and apply a rust-inhibiting primer followed by a suitable outdoor metal paint.

## 10. WARRANTY AND SUPPORT

Metty Metal handrails are designed for durability and are guaranteed for 10 years without rusting under normal use and maintenance. For product support, replacement parts, or warranty claims, please contact Metty Metal customer service

through the retailer where the product was purchased or visit the official Metty Metal website.

### ASK A QUESTION ABOUT THIS MANUAL

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#### Details

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