INSTRUCTIONS FOR THE MERGON BARRIER

General Information

The Mergon Barrier System is a versatile and effective solution for utility and general construction applications. It can be used to create various configurations for road works and highway utility installations.

Specifications

Overall Length (mm)	Overall Height (mm)	Overall Depth (mm)	Weight (kg)
2000	1000	50	≈12.8

Safety Information

- A site-specific risk assessment must be carried out before any installation.
- PPE (safety gloves and boots) must be worn prior to the start the installation.
- The contractor or owner is responsible for pre-planning against what can happen and prepare for it.
- Before any usage, a ground and weather condition survey must be carried out in that particular region.

Installation Guide

1. Check the Area: Before installation, ensure the area where the barriers will be placed is clear of any debris or obstructions that could interfere with the proper setup of the barriers.

2. Position the Barriers: Place the barriers in the desired configuration, ensuring that the feet swivel through 360 degrees for maximum stability.

3. Connect the Barriers: Use the sliding barrier clip to connect the barriers securely. The clip is designed to fit other types of barriers as well. Comes by default with anti-trip feet (x2) and clip (x1). See image below as an example.

- Recommendation 1: For optimal stability, it is recommended that all barriers, when in use, are double clipped at each end.

- Recommendation 2: To enhance overall stability and safety, ensure that no single barrier is left unconnected.

Adjust Side Wings: The side wings of the Mergon Barrier System can fold and rotate 90 degrees. Adjust them as needed to create the desired barrier layout.

Wind Resistance

The Mergon Barrier System has been tested for wind resistance under different classes of wind speeds:

Class B: Withstand wind speeds of 17.6m/s or 39.6mph (Scotland). For this class, use 40kg of ballast. It is recommended on the Scottish wind test that you use a minimum of an 18kg central weight and 1no. 6.5kg overshoe on each barrier, with or without sign inserts.

Class C: Withstand wind speeds of 8.7m/s or 19.6mph (England). No ballast is required for this class. It is recommended that every barrier has a minimum of a 6.5kg weight on alternate feet, with or without sign inserts.

To further enhance stability and tipping resistance, you can utilise the heavy-duty barrier foot weight blocks specifically designed for the Mergon Barrier System. These blocks securely lock onto the feet of Mergon, Olympic, Stacca, Titan, or Gate barriers. Their weight is 6.5kg, and they are available in recycled PVC blend material with color options of Black/Dark Grey or Yellow. These weight blocks not only increase stability but also offer compatibility, easy transportation, and efficient storage when stacked in pairs.

Monitor and Maintain: Regularly inspect the barrier system, including the barrier foot weight blocks, to ensure it remains stable and secure. Make any necessary adjustments or repairs as needed.

Remember, the clips and weights work together to provide the extra stability needed for safe barrier installation and usage.

Marwood Note!

Contact your local Marwood Group Depot for any query on the barrier and their components.

In certain specific cases, barriers must be installed by professionals. Refer to Chapter 8 barriers.

The Hirer is responsible for the full replacement cost in cases of lost or unreturned plant equipment upon hire termination. When damage occurs to the plant and economical repair is feasible, the cost of repairs will be charged to the Hirer. Otherwise, for all other instances, the full replacement cost will apply.