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# **ANTI-COLLAPSE MESH SYSTEM**

## **Fitting Instructions**



## ***ANTI-COLLAPSE MESH USER MANUAL***

**1. General Information** Anti-collapse mesh systems consist of steel mesh panels designed to enhance safety around warehouse and industrial shelving systems. These systems are intended to prevent accidents caused by falling materials.

### **2. Application Areas**

- Warehouse shelving systems
- Manufacturing facilities
- Logistics centers
- Automotive and heavy industry areas
- Retail storage areas

### **3. Installation Instructions**

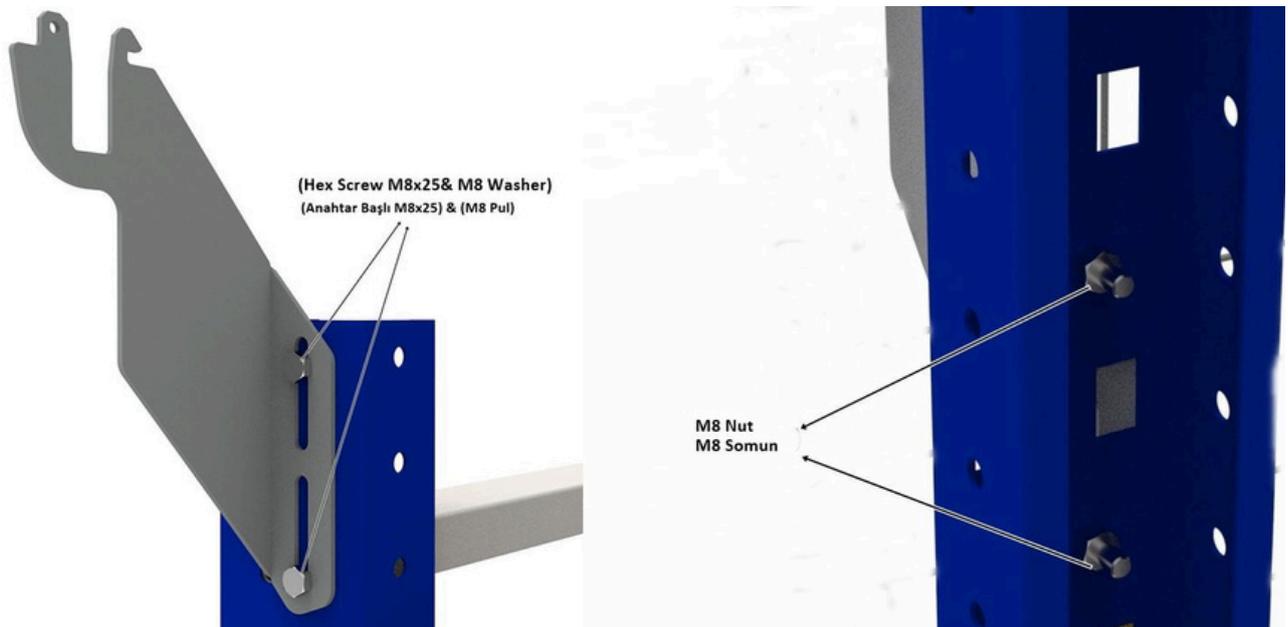
#### **3.1. Preparation stage**

- Clean the installation area and take measurements.
- Determine the number and dimensions of the panels to be used.
- Prepare the necessary installation equipment (screws, dowels, nuts, bolts, drill, etc.).

#### **3.2. Installation Process**

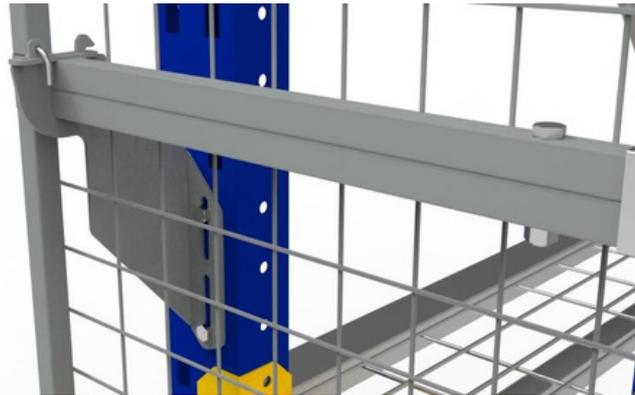
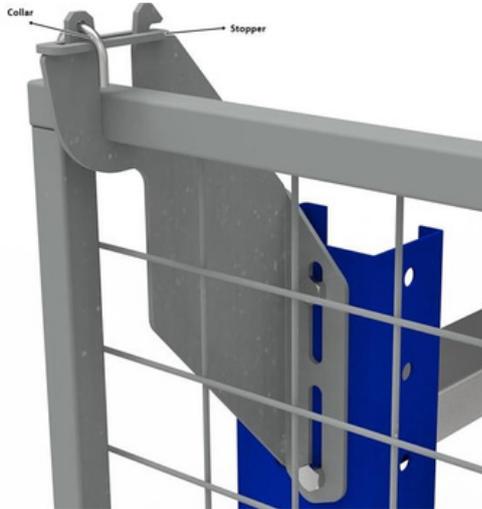
##### **Identifying Connection Points**

- Mark the support connection points on the rack system.
- Ensure that the connection points are secure.
- Attach the supports in the desired dimensions to the rack using M8x25 hex head bolts, washers, and M8 nuts. The connection method is shown below:



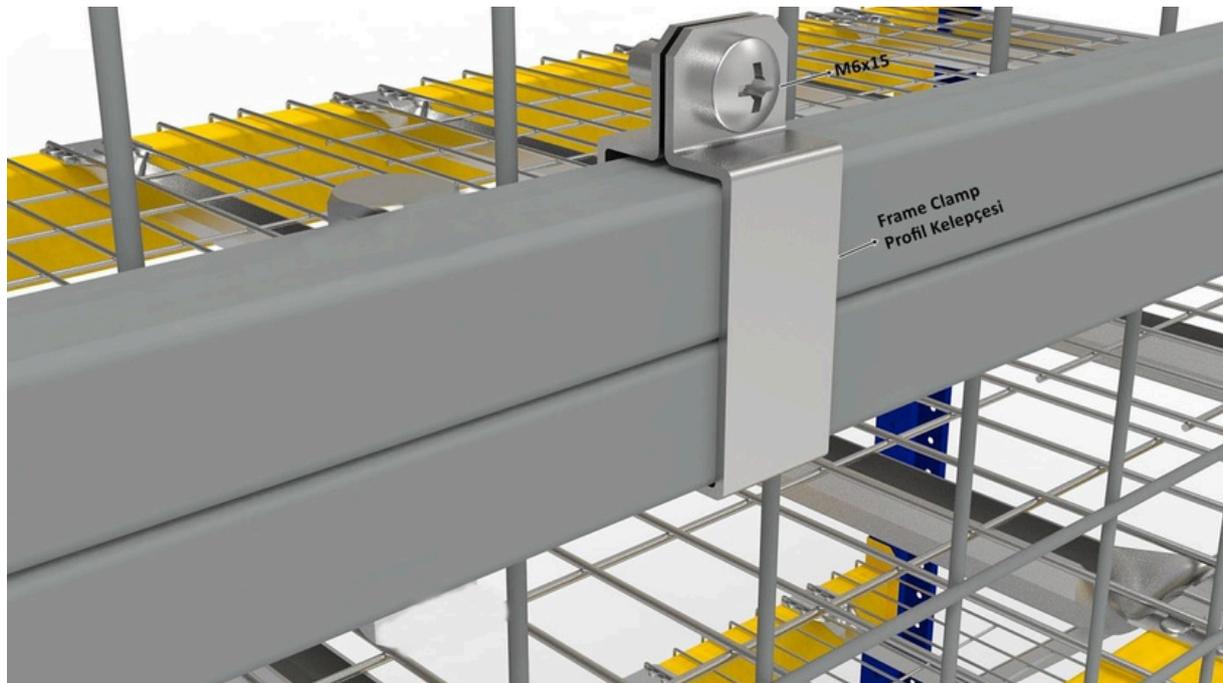
#### ***4. Panel Placement***

- Align the panels properly at the back or sides of the rack system.
- Cut the panels to the required dimensions if necessary.
- Place the panels onto the supports.
- After panel placement is complete, insert the stopper and then attach the collar (locking ring) in place.



### ***5. Installation of Fasteners***

- Secure the panels with profile clamps (M6x15 star-headed screws).
- Ensure that all connection points are firmly tightened.

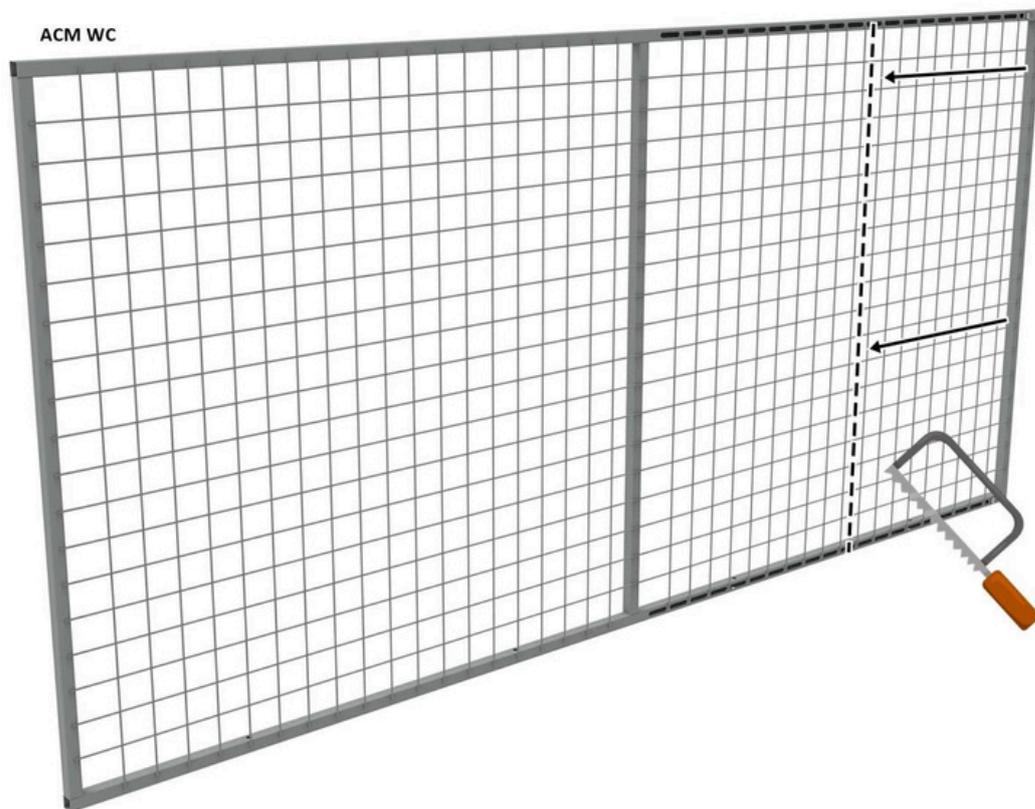
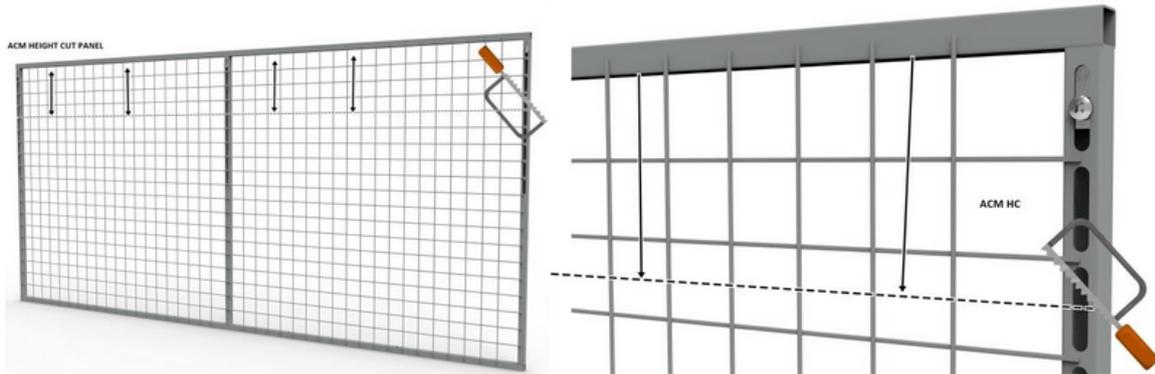


## 6. *ACM HC* ve *ACM WC* Applications

ACM panels also include the Height Cut (HC) and Width Cut (WC) panels, as shown below.

The WC model can be cut to the desired size in cases where the width needs to be shortened.

The HC model can be cut to the desired size in cases where the height needs to be shortened.



## 7. *Final Checks*

- Test the strength of all connection points.
- Check that the panels are properly and securely installed.

## 8. *Safety Precautions*

- Wear personal protective equipment (PPE) during installation (gloves, safety glasses, helmet, etc.).
- Use equipment support when lifting heavy loads.
- Perform the installation with at least two people.
- Handle power tools carefully and follow safety regulations.

## 9. *Maintenance and Inspections*

Periodically check fasteners and tighten any loose connections. Inspect the panels for damage and replace them if necessary. Update the mesh system according to changes in the shelving system.

## 10. *Frequently Asked Questions (FAQ)*

**Question:** What material is anti-collapse mesh made of?

**Answer:** It is typically made of galvanized steel or powder-coated steel.

**Question:** What is the load capacity of the panels?

**Answer:** It varies depending on the material used and the installation method. Technical support should be obtained from the manufacturer.

**Question:** Are special tools required for installation?

**Answer:** Standard hand tools and fasteners are sufficient, but large-scale installations may require additional equipment such as drills and welding tools.

