



Heavy Duty Debris Net Installation Guide

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1. Preparation

- **Inspect the Site:** Before installation, inspect the construction or demolition site. Identify areas where debris might fall and determine the best locations to place debris nets.
- **Ensure Competent Supervision:** A competent person (someone trained and authorized) must supervise the entire installation process. They should assess the project to ensure the net systems meet safety requirements.
- **Application Suitability: Eagle nets may not fit every application.** It is essential to evaluate the specific needs of your project. **Always consult with a structural or construction engineer** to confirm that the selected netting and installation method is suitable for your project and complies with all safety regulations.

2. Debris Net Selection

- **Choose the Right Net:** Select a net based on the size, weight, and shape of the debris.
 - **Mesh size** should prevent even the smallest debris from passing through.
 - **Dynamic Load Consideration:** When installing the safety net below a work area, it's essential to calculate the force, or dynamic load, that falling debris will exert on the net upon impact. This calculated impact must not exceed the net's maximum load rating to ensure the net can safely withstand the force of falling debris.

3. Installation Steps

- **Install Close to Work Areas:** Position the nets as close as possible to the structure to minimize the distance debris falls before impact.
 - **The nets are only as effective as the structure they are attached to. Ensure that the installation points are secure and capable of supporting the net's full load capacity.**
 - **Support cables must be anchored to a reliable working surface, with approval from both the installer and construction engineers. The site engineer should inspect the installation to ensure compliance.**

4. Inspection

- **Weekly Inspection:** Inspect the nets weekly or after any significant impact. Check for wear, damage, or any compromised areas.



5. Maintenance and Care

- **Remove Debris Immediately:** Remove debris from the net immediately to avoid overloading. If damage is found, stop work immediately and repair or replace the net.
- **Protect from Sunlight and Abrasives:** Prolonged exposure to sunlight, wind, and abrasive or sharp objects can weaken the net. Store nets in a shaded, temperature-controlled environment when not in use.
- **Hot Work Precautions:** If any welding or cutting operations occur above the safety net, weld protection must be provided. The net must be inspected afterward to ensure it has not been damaged by sparks, heat, or debris.

Disclaimer

1. **Purpose of the Net:** These nets are designed exclusively for **debris containment** and are **not suitable for personnel fall protection**. For personnel safety nets, please refer to ANSI A10.11.
2. **Rated Capacity:** Our debris nets are rated based on the weight and fall distance of objects. Any use outside these ratings is prohibited and may result in net failure.
 - **Load Rating Consideration:** The load ratings are based on smooth, large objects. Sharp, abrasive, or objects with a single point of impact will reduce the effectiveness of the nets. These types of objects can penetrate or damage the net more easily, and their impact must be carefully considered.
3. **Installation Requirements:**
 - **The nets are only as effective as the structure they are attached to. Ensure that the installation points are secure and capable of supporting the net's full load capacity.**
 - **Support cables must be anchored to a reliable working surface, with approval from both the installer and construction engineers. The site engineer should inspect the installation to ensure compliance.**
4. **Post-Impact Inspection:** After each debris impact, inspect the net immediately. If any fraying, cuts, or damage are found, the net should be replaced before resuming work.
5. **Limitations:** These nets are not intended for continuous debris collection and require regular maintenance and inspection. Failure to follow these guidelines could result in injury or damage.
6. **Compliance with Local Codes:** Always consult with an engineer and check with local building codes and regulations before installing and using the nets. Ensure that your installation complies with all applicable safety standards.
7. **Manufacturer's Liability:** The manufacturer is not responsible for any injury or damage resulting from improper installation, maintenance, or use outside of the stated guidelines.