Temporary edge protection systems are crucial for ensuring safety in construction and other high-risk environments.

These systems serve as barriers that prevent falls and other accidents, safeguarding workers and ensuring compliance with safety regulations.

According to the EN 13374 standard, there are three classes of temporary edge protection systems, each designed for specific uses and safety requirements.

Class A Temporary Edge Protection

Class A systems, as defined by the EN 13374 standard, are designed to withstand static loads. These systems offer the following features:

1. Support for Individuals: They provide support for a person who leans against the edge or holds onto the protection while walking.
2. Barrier Against Falls: They can stop a person who is walking or falls in the direction of the protection.
3. Size Restrictions: If there is no continuous intermediate guardrail, the system must prevent the passage of a 250 mm sphere. This ensures that large gaps are not present, which could pose a risk of falling.

Class B Temporary Edge Protection

Class B systems provide resistance to both static loads and light dynamic forces. This makes them suitable for environments where there might be minor impacts or movements. The key characteristics of Class B systems include:

1. Support for Individuals: Similar to Class A, these systems support a person leaning or holding onto them.
2. Barrier Against Falls: They can stop a person walking or falling in the direction of the protection.
3. Protection on Inclined Surfaces: They are capable of arresting the fall of a person sliding down an inclined surface.
4. Size Restrictions: Openings in the protection must prevent the passage of a 250 mm diameter sphere, ensuring small gaps are also minimized.

Class C Temporary Edge Protection

Class C systems are designed to withstand significant dynamic forces, making them suitable for steep or high-risk areas where a fall could result in severe injury. The features of Class C systems include:

1. High Dynamic Force Resistance: They provide robust protection against falls, particularly for individuals sliding down steep inclines.
2. Size Restrictions: To enhance safety, any openings in Class C systems must prevent the passage of a 100 mm diameter sphere, ensuring that even smaller gaps are covered.

BesSystem: Visornets’ temporary edge protection system

In the Visornets product catalog we have the BesSystem as a temporary edge protection system.

The characteristics of the BesSystem meet the requirements set out in the EN 13374 standard in classes A and B. Its simple installation, versatility and possibility of reuse make BesSystem a leading system in temporary edge protection.