Basic Requirements of
BS EN 13374:2013+A1:2018

BS EN 13374:2013+A1:2018 Temporary edge protection systems –
Product specification – Test methods requires that “all components in
the system shall be designed to avoid accidental removal or
displacement of any component in any direction during use” (BSI,
2018).

EPF Clarification of the Basic Requirements

The EPF Technical Committee have agreed that accidental removal or
displacement of edge protection systems and/or components should
not take place when a force of 0.3kN or less has been applied to any
part of the system in any direction. If displacement or removal takes
place when a force more than 0.3kN is applied, this would be viewed
as intentional removal in the opinion of the EPF.

Any impact by plant, machinery or snagging of the system by cranes,
chains or other lifting devices is not covered in this basic requirement.

Ultimate Limit State with Accidental Loads

BS EN 13374:2013+A1:2018 requires a static load of 1.25kN to be applied downwards at an angle of +/- 10°
anywhere along the top edge of the guardrails and toeboards with a maximum deflection of 300mm when
under load. The system does not need to be serviceable after this loading.

References

Product specification – Test methods. London: BSI.