

FLG Portable System

The DIADEM FLG Portable is a ballasted, non-penetrating fall arrest system for construction and maintenance work on flat roofs, up to 5° inclination.

#130079



Manual

■ Green up the roof!

Application:

This product is particularly useful in situations where attaching a fall arrest system to the roof or supporting structures is impractical or undesirable. □

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For the protection of building or maintenance personnel, fall arrest equipment is required for any work on roofs of 9 feet or greater height, or closer than 6 feet to a roof's edge if no appropriate guard rail is available. □

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The use of the system is in accordance with the following standards: □

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-The FLG Portable System may not be combined with any retractable type fall arrester (EN 360) nor with any energy absorber lanyards (EN 355) that have not been tested together with the system as a whole. □

-The DIADEM FLG Portable System should not be used during frosty weather or when there is lightning. □

-The portable fall arrest system should not be used on roofs where oil or greasy stains are present. □

-It is prohibited to install the fall arrest system on roof areas where water accumulates and forms ponds. □

-Before each use of the FLG Portable System a visual inspection has to be conducted to determine whether the system is suitable for withstanding the arresting force, that it has not been damaged and that the build up of the layers is in accordance with the Manufacturer's instructions. Moreover, accessory equipment (e.g. personal safety harness) fastened to the system has to be inspected to determine whether it has been connected to the system according to the Manufacturer's recommendations. In case of doubts about the system, or any part of it, the use of the FLG must cease and the Manufacturer or an authorized specialist immediately notified. □

It is recommended to seek advice from the Manufacturer of the Personal Protection Equipment prior to its use with the FLG Portable System. □

The worker's personal safety harness is attached to the Securing Ring of the Anchor Post with a carabiner. Only loose (i.e. freely moving) carabiners may be used. Carabiners should be safely installed according to the Manufacturer's instructions. When using the work positioning clamp, the length of the line has to be adjusted constantly so as to ensure that it is always tense and thereby reducing the risk of a fall off the edge of the roof. In the event of a fall, the reuse of the FLG Portable System is strictly prohibited.

In such an event the Manufacturer or an authorized representative has to be immediately notified. The Inspection Tag is attached to the Securing Ring. The following information should be present at the fall arrest system location: □

-The name of the Manufacturer □

-Installation year □

-Use limited to one person with appropriate protective gear □

-Should not be used during frosty weather.



DIADEM USA, Inc.

Installation instructions
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Before the installation of the DIADEM FLG Portable System on a gravel roof, the professional installer must make sure that the recipient layer is suitable and clean and that all loose chippings and gravel are removed from the installation area. This can easily be achieved using a sweeping brush with strong bristles. Make sure the system will be installed at least 6 feet from the roof edge. The free fall distance has to be measured by applying the following formula: A secure surface