



Expansion of Concrete Anchor Strap Use

Subject: Concrete Anchor Strap Use on Alternative Structural Members
Related Products: FS880, FS880-1, FS880-6/-8/-10, 70180, 70200, 70280, 70300, 70380
Related Standards: ANSI Z359.18-2017 Type A, OSHA 1926.502
Date: 09-26-2023
Revision: 1

Safewaze Concrete Anchor Straps are designed to be used as part of a Personal Fall Arrest System in concrete structural member applications. The Concrete Anchor Strap is typically installed on suitable rebar cage and then embedded in poured concrete. When installed correctly, the Concrete Anchor Strap has a Minimum Breaking Strength of 5,000 lbs. (22.25 kN).

Though installation in concrete is the intended use, Safewaze Concrete Anchor Straps can also be used as temporary anchors on alternative structural members, such as wood framework, steel I-beams, or pipe racking. For instance, the Concrete Anchor Strap could be installed like a Cross Arm Strap on the aforementioned alternative structural members. However, use of this product in a manner in which it is not designed can lead to excessive abrasion, wear, and possible product failure. For this reason, this product must be inspected before each use. The use of a Concrete Anchor Strap on an alternative structural member is permissible provided the user follows the Safewaze product manual and the following guidelines:

1. A Competent Person has determined the alternative structural member is capable of withstanding anticipated fall loads and meets, or exceeds, OSHA required anchorage strength regulations.
2. The chosen alternative structural member does not allow for the Concrete Anchor Strap to slip off of it, or become unintentionally disengaged in any capacity.
3. The chosen alternative structural member does not have any sharp or abrasive edges or surfaces.

If you have any additional questions regarding the information in this Technical Document, please contact Customer Service at (800) 230-0319.

Additionally, refer to the Safewaze manual provided with the product, or available online, for proper use and installation information.



FS880-10



70200