

January 25, 2021

RE: WernerCo Reusable Concrete Anchors certified to ANSI/ASSE Z359.18-2017

Dear Valued Customer:

This letter is confirmation that Werner Reusable Concrete Anchorage Connectors listed below have been tested, marked and certified to *ANSI/ASSE Z359.18-2017, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems* as marked on the label.

A510000	A510000XG	A510000XGY	A510000XK
A510000XLB	A510000XO	A510000XR	A510000XY
A513000XR	A515000		

Although products may be marked to *ANSI/ASSE Z359.1-2007, Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components*, there is a significant increase in the amount of performance testing conducted on products compliant to ANSI/ASSE Z359.18 compared to the ANSI/ASSE Z359.1 standard.

An important note is that ANSI/ASSE Z359.1 does not require the anchorage connector be tested with the associated substrate for which it was designed. This point is best illustrated by the explanation of need in the Foreword of ANSI/ASSE Z359.18 that states;

*“A critical aspect for the performance of anchorage connectors is the interaction between the anchorage connector and the anchorage where it is used. This standard now includes dynamic testing of the anchorage connector installed on substrates that represent the intended installation and use. There is also a requirement related to the ANSI/ASSE Z359.7 standard and the need for an ISO 17025 accredited laboratory. For background, these were not required for anchorage connectors in ANSI/ASSE Z359.1-2007”*

The following table illustrates testing conducted on anchorage connectors certified to ANSI/ASSE Z359.18 vs ANSI/ASSE Z359.1.

Test	Z359.1-2007	Z359.18-2017
Static Strength Test	Yes	Yes
Dynamic Strength Test	No	Yes
Residual Strength Test	No	Yes
Corrosion Resistance Test	No	Yes
Simulated Substrate Requirement	No	Yes

If you have any questions or need further clarification, please contact me directly at 724-813-6586.

Sincerely,



Kevin B. Denis  
Technical Service – Fall Protection  
Werner Co.

