



January 1, 2023

RE: Introduction of Kwik-X Dual Action Anchor

To Whom It May Concern:

We are pleased to announce that Hilti is introducing the Kwik-X Dual Action Anchor (Kwik-X). Kwik-X was designed as an alternative to traditional adhesive anchors with comparable tensile and shear load values. It features an ultimate blend of performance, safety, and simplicity that is accomplished by combining the working principles of adhesive and mechanical anchors. The Kwik-X Dual Action Anchor system consists of two parts: the high-performing KWIK HUS-EZ mechanical screw anchor and the KHC Kwik-X Adhesive Capsule.

Kwik-X was tested to AC308, the assessment criteria used to evaluate chemically bonded anchors. Based on this testing, ICC-ES recently released the Evaluation Report ESR-5065 (Concrete) with the approvals below.

- The Kwik-X Dual Action Anchor can be used in the following base materials:
 - Cracked and uncracked normal-weight concrete to lightweight concrete (specified compressive strength, f'_c , of 17.2 MPa to 58.6 MPa)
- The Hilti Kwik-X Dual Action Anchor provides the designer and installer with unmatched flexibility and can be installed in conditions such as:
 - Static, quasi-static, and seismic loading conditions
 - Hammer drilling with no borehole cleaning
 - In combination with Hilti Hollow Drill Bit (HDB)
 - Diamond coring with a performance equal to hammer drilling
 - Water-saturated holes with no reductions in load performance
 - A wide range of base material temperatures; as low as -28°C and high as 40°C

Kwik-X will be offered in carbon steel (CS) and corrosion-resistant coating (CRC) material types. Available in 9.5 mm, 12.7 mm, 15.9 mm, and 19.1 mm diameters for varying embedment depths.

For additional technical information, please refer to the Kwik-X Dual Action Anchor ICC-ESR 5065. Kwik-X is available for design today in PROFIS Engineering.

Please contact our Engineering Technical Services department for more information.

Hilti Engineering Technical Services – Canada

(800) 363-4458

CATechnicalServices@hilti.com

Hilti North America
2201 Bristol Circle | Suite 700
Oakville, ON L6H 0J8 | Canada

T 800 363 4458 | www.hilti.ca