**ANCHOR guide**

**Adhesives Technologies Corporation**
Phone: 800-892-1880
Web: www.atecpoxy.com
Product: ULTRABOND® HS-1CC
Description: A leading manufacturer of next-generation adhesives including epoxies, urethanes, acrylics, ester blends, and polyureas for use in construction and infrastructure projects. The company offers dozens of products under well-known brands ULTRABOND®, CRACKBOND®, and MIRACLE BOND®, with made in USA, ICC certified products available in bulk and cartridge forms.

**IES, Inc.**
Phone: 800-707-0816
Web: www.iesweb.com
Product: VAConnect
Description: Stress analysis of complex connection layouts utilizing surface and solid elements, automatic finite-element meshing, mesh refinements, and surface intersection capabilities. Perform required strength and serviceability limit state designs of reinforced concrete per ACI-318 and other international standards. Represent soil-structure interaction with multiple soil layers to obtain foundation stresses and settlements.

**Dlubal Software, Inc.**
Phone: 267-702-2815
Web: www.dlubal.com
Product: RFEM
Description: RFEM is a comprehensive structural analysis and design software that can model all types of anchors or imported directly from vendors software or imported directly from vendors. Anchors can be created inside the software or created as separate 3-D models. Tekla Tedds' library includes anchor bolt design per ACI 318 Appendix D. The calculation includes comprehensive checks for tensile and shear failure of anchors and is available as part of a free trial by visiting the website.

**Simpson Strong-Tie**
Phone: 800-925-5099
Web: www.strongtie.com
Product: Anchoring, Fastening and Restoration Solutions Product Guide
Description: The comprehensive product guide features up-to-date products and technical information to locate the ideal product solution for your job. The Anchoring, Fastening, and Restoration Solutions Product Guide provides information on adhesives, mechanical anchors, direct fastening, carbide drill bits, and concrete restoration products for concrete and masonry.

**Heckmann Building Products**
Phone: 708-865-2403
Web: www.heckmannanchors.com
Product: Pos-I-Tie Veneer to Concrete Anchor
Description: The first barrel-style masonry anchor. It was introduced in the mid 1980s and is ideal for tying brick to concrete backups with or without insulation. Perfect for concrete walls that were erected without dowel slots. Multiple barrel lengths are available for various insulation thicknesses.

**ENERCALC, Inc.**
Phone: 800-424-2252
Web: https://enercalc.com
Product: Structural Engineering Library, RetainPro, ENERCALC 3D, ENERCALC SE Cloud
Description: Design of anchors/anchor bolts requires thorough development of applied loads and analysis of full structures or connected components. ENERCALC’s Structural Engineering Library/ENERCALC SE Cloud help determine loads and perform analyses via loads/forces and analysis/design modules. Clear, succinct reports communicate your effort and expertise well.

**Wej-It Fastening Systems**
Phone: 203-857-2200
Web: www.wejit.com
Product: Ankr-TITE Wedge Anchor
Description: A high-strength, fully threaded, and torque-controlled expansion anchor designed for anchoring into normal-weight concrete, lightweight concrete, and grouted concrete masonry. Unique machine lathed expansion cone supports a thick three dimple clip engineered to provide high load carrying capability and reduce slip in a variety of installation conditions.

**TRIMBLE**
Phone: 678-737-7379
Web: www.tekla.com
Product: Tekla Tedds
Description: Automating your everyday structural designs, the Tekla Tedds' library includes anchor bolt design per ACI 318 Appendix D. The calculation includes comprehensive checks for tensile and shear failure of anchors and is available as part of a free trial by visiting the website.

**StructurePoint**
Phone: 847-966-4357
Web: www.strongtie.com
Product: Solutions Product Guide
Description: As the former software development team of the Portland Cement Association, StructurePoint is uniquely positioned at the heart of the cement industry. Our licensed structural engineers have decades of experience with reinforced concrete design. We have multiple resources on our website for the structural engineer to benefit.

**TRIMBLE**
Phone: 678-737-7379
Web: www.tekla.com
Product: Tekla Structures
Description: An Open BIM modeling software that can model all types of anchors required to create a 100% constructible 3-D model. Anchors can be created inside the software or imported directly from vendors that provide 3-D CAD files of their products.