

For details on the design method behind this program go to <http://www.helixsteel.com/technical>

Assumptions:

- 1) Rebar and mesh in mid depth of slab
- 2) US & CAN Grade 60 Rebar and mesh, AUS Grade 500 Rebar and mesh
- 3) US & CAN Concrete compressive strength, 3000psi, AUS, 30 Mpa
- 4) For a rebar that is not included as an input option, use the rebar/dose that is for a higher load factor. For example: if the drawings calls for #4@20" OCEW, use the rebar/dose for #4@18" OCEW.
- 5) For projects in Mexico multiply the dosage by 0.6 to convert to kg/m³
- 6) The computation is based upon third party testing at an IAS certified laboratory and on a peer reviewed analysis and design methods.

Terms and Conditions

Pensmore Reinforcement Technologies, LLC d.b.a Helix Steel ("Helix Steel") provides this software comparing Helix Micro Rebar designs conventional steel reinforcement designs. The program is provided as convenience only for estimating purposes only. The results given by this program may not be used for construction without review by a licensed design professional. The user is solely responsible for its input and output. The customer must follow the recommended concrete mix design installation instructions and abide by all restrictions set forth in the design method.

If you are interested in using Helix on your project please contact us sales@helixsteel.com or 734-322-2114 and we will prepare a detailed submittal for the engineer of record to review at no charge. For a nominal fee we can provide a design stamped by a PE in your state.

Online, training on the Helix design method is available and may be used for continuing educations at:
<http://www.helixsteel.com/technical>