

HELIX™

Micro-Rebar

Data Sheet

Product: Helix 5-25

Description:

The unique, twisted design of Helix allows for efficient tensile stress re-distribution within the concrete prior to concrete cracking. The result is a significant increase in the concrete's strain capacity and pre-crack properties. Unlike rebar and other forms of reinforcement, Helix provides proactive reinforcement which engages the concrete before large cracks form.

Applications:

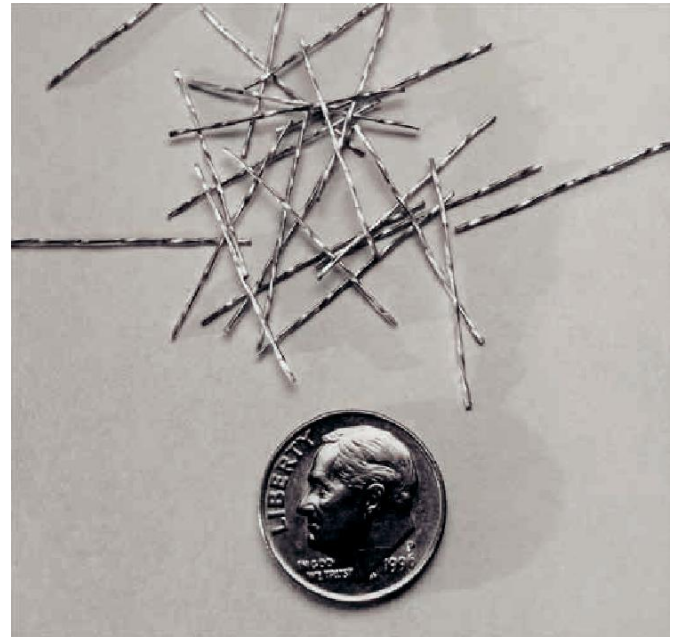
- Structural Walls
- Structural Floors
- Foundations
- Beams/Columns
- Shotcrete
- Paving
- Precast
- Rebar Replacement

Approvals:

Uniform ES Evaluation Report 0279
www.helixsteel.com/technical
www.iapmoes.org

Meets Specifications:

ACI 318
ACI 360
ASTM A820-Type 1



Geometry:

Length: 25 mm (1.00 in)
Diameter: 0.50 mm (0.02 in)
25,307 fibers/kg (11,500 fibers/lb)

Tensile Strength:

Tensile Strength: 246.5 ksi minimum
(1700 Mpa minimum)
Material: High Carbon Steel Wire

Coating:

Coating: Electroplated Zinc

For more information, visit www.helixsteel.com or call 734-322-2114. Helix Steel - 2300 Washtenaw Ave, Suite 201, Ann Arbor, MI 48104



Made in USA