SikaFiber® Force 1050

Steel Fiber

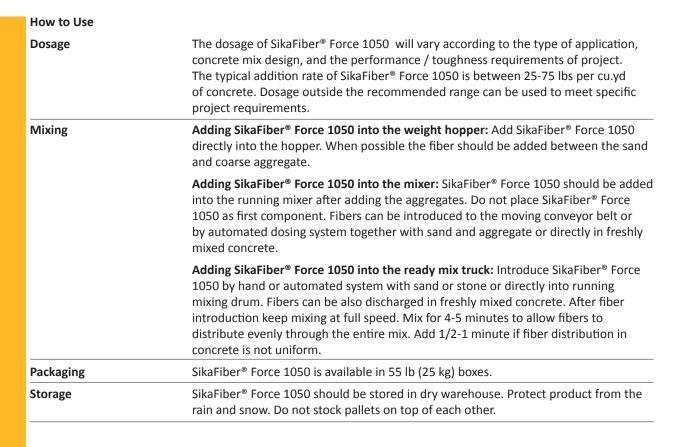
| Description | SikaFiber® Force 1050 is a cold drawn wire steel fiber, deformed with hooked end (HE) or flat ends (FE), designed to produce steel fiber reinforced concrete. SikaFiber® Force 1050 meets the requirements of ASTM A820 as a Type I Fiber. | |
|--------------|--|----------------------------------|
| | SikaFiber® Force 1050 is UL classified for use as an alternate or in addition to the welded wire fabric used in Floor-Ceiling D700, D800, D900 Series Designs. Fibers may also be used in Design Nos. G256, G514. | |
| Applications | SikaFiber® Force 1050 can be used in various concrete applications: | |
| | ■ Industrial slabs | |
| | ■ Pavements | |
| | ■ Foundations | |
| | ■ Blast resistant structures and other structural concrete | |
| Benefits | ■ Increases crack resistance, ductility, energy absorption or toughness of concrete | |
| | ■ Improves impact resistance, fatigue endurance and shear strength of concrete | |
| | ■ Helps control plastic shrinkage cracking in concrete | |
| | Helps reduce or eliminate need for conventional reinforcement | |
| | ■ Provides three dimensional reinforcement | |
| | ■ Easy to use and work with | |
| Typical Data | Fiber length: | 2" (50 mm) |
| | Diameter: | 0.039" (1 mm) |
| | Aspect ratio: | 50 |
| | Tensile Strength: | 152,000 psi (1050 MPa) |
| | Deformation: | Hooked end (HE) or Flat end (FE) |

AND CURING CONDITIONS.



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RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS



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