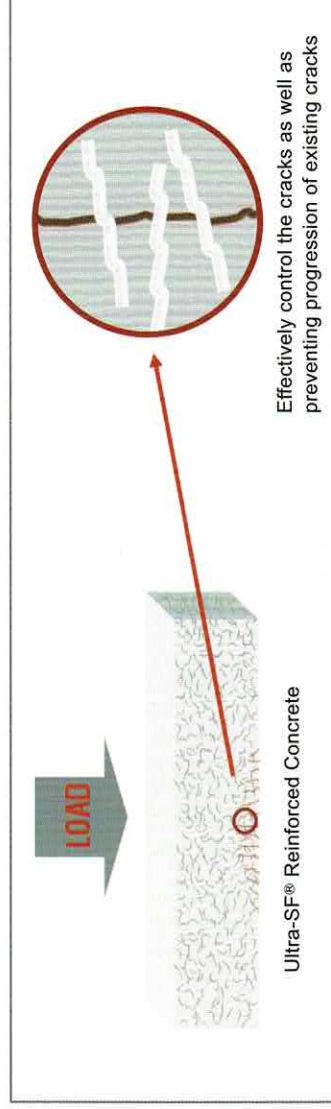


ULTRA-SF® DAEIN CORPORATION

Characteristic of the Shape of Ultra-SF®

The crimped shape of the Ultra-SF® provides excellent resistance to the external load by increasing the adhesiveness to, and fixity with, cement particles inside of the concrete and forming unified structure.



Effect of Ultra-SF®

Exceptional Crack Control Effect	Effective in preventing progression of existing cracks as well as successfully controlling the cracks occurred by plastic and dry shrinkage of concrete mortar
Enhancing Bending Rigidity	Excellent energy absorbing capability of Ultra-SF® enhances bending rigidity of concrete structure.
High Durability	Rust-free plastic structural fibre of Ultra-SF® ensures highly durable, high quality concrete structure
Impact Resistance	The concrete with Ultra-SF® is strong against external impact.
Reducing Rebound Volume	Light weight of high molecule plastic Ultra-SF® enables reduction of rebound volume remarkably when placing of shotcrete.
Cost Saving	Ultra-SF® offers the most economical solution to get quality concrete.
Improving Constructability	With Ultra-SF® it is not necessary to maintain the thickness of cover concrete. No damages to the shotcrete hose. Free from destructive rebounding of shotcrete

Applicable Area of Ultra-SF®

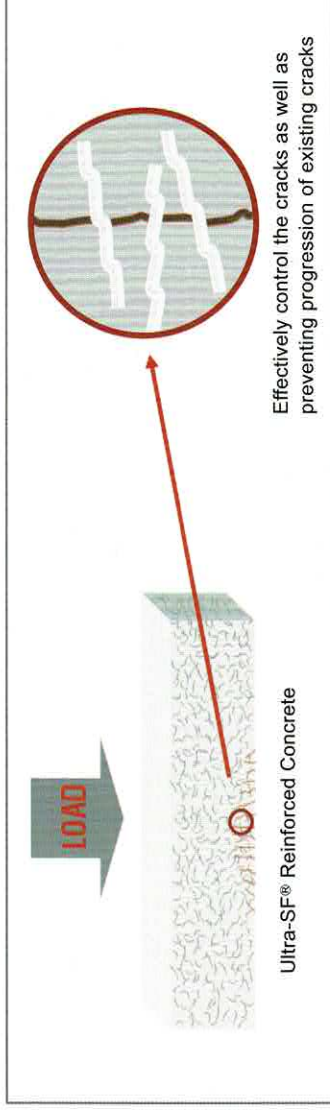


Shotcrete, Tunnel Lining, Reinforcement of Various Sloping Surface, Factory, Warehouse, Concrete Structure requiring high tenacity to bending, Concrete Paved Road (Industrial Road, Farm Road Pavement), Secondary Concrete Products such as Panel, Other high durable Concrete Substitute for Steel fibre Since it is the synthetic fibre for structural use with no possibility of corrosion, it makes excellent highdurable, fibre-reinforced concrete, applicable to such areas as raceway tunnels, subways, canals, pumped storage hydroelectric power stations, sewage treatment plants and waterway-related facilities for which the corrosion may be of concern. cement particles inside of the concrete and forming unified structure.

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