



CARBON FIBRE TECHNOLOGIES

TYPICAL USAGE

TCI CarbonStrong is designed for the **REHABILITATION** of bridges, tunnels, and buildings, **REINFORCING & STRENGTHENING** structures to extend service life & ensure long-term durability.



Water & Wastewater Treatment Facilities.



Manholes & Chambers.



Reservoirs & Wet Wells.



Settling Tanks.

Engineered **CFRP** Systems for Concrete **WATER & WASTEWATER** Infrastructure.

CARBONSTRONG

Carbon Fibre Reinforced Polymer (CFRP) System.

PRODUCT OVERVIEW

TCI CarbonStrong is a proprietary high-tensile carbon fibre fabric engineered to **STRENGTHEN** and **UPGRADE** structural elements. When combined with TCI Epoxy, it forms a carbon fibre reinforced polymer (CFRP) system that **ENHANCES** load capacity & overall structural performance.

MAIN FEATURES

- NSF 61 & NSF 372 approved for potable water applications and SWAT tested for wastewater.
- 100% SOLID & 100% solvent-free.
- High **STRENGTH**-to-**WEIGHT** ratio.
- **RESISTS** corrosion.
- Cost **SAVINGS** through fewer plies required for strength restoration.
- High tensile and flexural **STRENGTH** compared to other construction materials.
- **IMPROVES** working pressure of existing pipes.
- **EASY** to **INSTALL** in a wet lay-up process & forming irregular surfaces.
- Proved **LONG-TERM** durability testing.
- **IMPROVES** water flow conditions in repaired pipes.
- Can be used to **RENEW** existing pipes of different materials.
- **PASSED** 500 psi watertightness test.

BOOK A CONSULTATION
TO LEARN MORE.

www.tcicarbonfibre.com