



# AEGION®

## Stronger. Safer. Infrastructure.®



### Special Products

Fyfi offers a variety of special products for its fiber reinforced concrete repair, corrosion resistance and blast systems. Browse the products below to determine the best product for your application or contact us using the form to the right for more information.

#### Concrete Repair & Corrosion Resistance

##### Tyfo® CIS - Layer 1

A single-component, colorless liquid, Tyfo® CIS-Layer 1 is the corrosion inhibitor vapor phase of the Tyfo® concrete repair system. This layer will sublimate and permeate the concrete as a gas and distribute itself uniformly to form a passive film on the corroded reinforcing steel. This layer is delivered in a liquid form and spray-applied over the concrete area. Layer 1 is applied to the exposed surfaces as required. The Tyfo® CIS Layer 1 application is followed by the Tyfo® CIS Layer 2 application. After receiving both Layers 1 and 2, the exposed surfaces are cleaned by washing with fresh water or by abrasive blasting. All exposed steel is then treated with the Tyfo® CB material and the concrete section is restored using Tyfo® P or Tyfo® PF as required.

[Product PDF File](#)

##### Tyfo® CIS - Layer 2

A single-component, clear, water-based liquid with a mild odor that may be applied by roller or spray following the application of Tyfo® CIS Layer 1. Layer 2 controls the pH, purges and encapsulates water-soluble chlorides, fills voids in the concrete and inhibits further penetration of moisture. Layer 2 also acts as a contact corrosion inhibitor on the reinforcing steel. After receiving both Layers 1 and 2, the exposed surfaces are cleaned by washing with fresh water or by abrasive blasting.

[Product PDF File](#)

##### Tyfo® 103 Epoxy

A two-component, standard viscosity, high modulus epoxy adhesive.

[Product PDF File](#)

##### Tyfo® 111 Epoxy

A two-component, very low viscosity, high modulus epoxy adhesive.

[Product PDF File](#)

##### Tyfo® P

Tyfo® P is a two-component, quick-setting, polymer-modified, cementitious mortar for vertical and overhead concrete and masonry repairs.

[Product PDF File](#)

#### Blast Systems

##### Tyfo® Ballistic-Resistant (BR) Panels

Tyfo® Ballistic-Resistant (BR) panels are prefabricated laminated panels designed to stop bullets from penetrating a structure.

[Product PDF File](#)

##### Tyfo® Blast Flex EP System

Tyfo® Blast-Flex is a urethane-urea base, two-component system. This high-tech system is spray applied and cures as a rubber-like material. The material is used for blast and other protection systems.

[Product PDF File](#)

##### Tyfo® Blast Flex System

Tyfo® Blast-Flex is a urethane-urea base, two-component system. This high-tech system is spray-applied and cures as a rubber-like material. The material is used for blast and other protection systems.

[Product PDF File](#)