



# AEGION®

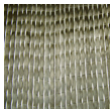
## Stronger. Safer. Infrastructure.®



### Composite Systems

Fyfe Asia offers a variety of composite products for structural strengthening, including carbon fiber reinforced polymers (CFRP) and glass fiber reinforced products (GFRP). Browse the products below to determine the best product for your application or contact us using the form to the right.

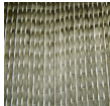
#### CFRP Products



##### Tyfo® SCH-41

Comprised of Tyfo® S Epoxy and Tyfo® SCH-41 reinforcing fabric, which is NSF-Certified. Tyfo® SCH-41 is a custom, uni-directional carbon fabric. The carbon material is orientated in the 0° direction. The Tyfo® S Epoxy is a two-component epoxy matrix.

[Product PDF File](#)



##### Tyfo® SCH-41-2X

Comprised of two layers of the Tyfo® SCH-41 System stitched together for ease of application in the field. The Tyfo® SCH-41 System is a custom, uni-directional carbon fabric. The carbon material is orientated in the 0° direction. The Tyfo® S Epoxy is a two-component epoxy matrix.

[Product PDF File](#)

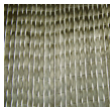


##### Tyfo® SCH-11UP

The Tyfo® SCH-11UP Composite is comprised of Tyfo® S Epoxy and Tyfo® SCH-11UP reinforcing fabric. Tyfo® SCH-11UP is a custom, uni-directional carbon fabric. The Tyfo® S Epoxy is a two-component epoxy matrix.

[Product PDF File](#)

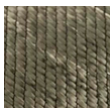
##### Tyfo® SCH-41-SW-1



Tyfo® SCH-41 composite reinforcing fabric combined with Tyfo® SW-1 Epoxy. Tyfo® SCH-41 is a custom weave, uni-directional carbon fabric. The carbon material is orientated in the 0° direction. The Tyfo® SW-1 Epoxy is a two-component epoxy matrix. The Tyfo® SW-1 epoxy is certified safe for potable water (ANSI/NSF 61) and incidental food contact.

[Product PDF File](#)

##### Tyfo® BCC



The Tyfo® BCC Composite is comprised of Tyfo® S Epoxy and Tyfo® BCC reinforcing fabric. Tyfo® BCC is a custom, bi-directional fabric used in the Tyfo® Fibrwrap® System. The primary fibers are continuous carbon orientated in the ±45° directions. The Tyfo® S Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

##### Tyfo® SCH Composite Anchors



The Tyfo® SCH Composite Anchor is comprised of Tyfo® S Epoxy and Tyfo® SCH carbon fiber reinforced roving. Tyfo® SCH is a custom, unidirectional carbon roving for improved end details and force transfer. The Tyfo® S Epoxy is a two-component epoxy matrix material for saturation and bonding applications.

[Product PDF File](#)

## GFRP Products

### Tyfo® SEH-51A



An ICC ESR-2103 listed material comprised of Tyfo® S Epoxy and Tyfo® SEH-51A reinforcing fabric. Tyfo® SEH-51A is a custom weave, unidirectional glass fabric used in the Tyfo® Fibrwrap System. The glass material is orientated in the 0° direction with additional yellow glass cross fibers at 90°. The Tyfo® S Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

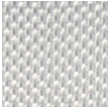
### Tyfo® SEH-51A-SW-1



Tyfo® SEH-51A composite reinforcing fabric combined with Tyfo® SW-1 Epoxy. Tyfo® SEH-51A is a custom weave, uni-directional glass fabric used in the Tyfo® Fibrwrap System. The glass material is orientated in the 0° direction with additional yellow glass cross fibers at 90°. The Tyfo® SW-1 Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

### Tyfo® WEB



An ICC ESR-2103 listed material comprised of Tyfo® S Epoxy and Tyfo® WEB reinforcing fabric. Tyfo® WEB is a custom 0°/90° bi-directional weave glass fabric used in the Tyfo® Fibrwrap System. The glass material is orientated in both the 0° and 90° direction in optimum configuration. The Tyfo® S Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

### Tyfo® BC



An ICC ESR-2103 listed material comprised of Tyfo® S Epoxy and Tyfo® BC reinforcing fabric. Tyfo® BC is a custom, bi-directional fabric used in the Tyfo® Fibrwrap® System. The primary fibers are continuous E-glass orientated in the ±45° directions. The Tyfo® S Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

### Tyfo® SEH Composite Anchors

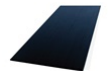


The Tyfo® SEH Composite Anchor is comprised of Tyfo® S Epoxy and Tyfo® SEH glass fiber reinforced roving. Tyfo® SEH is a custom, unidirectional glass roving for improved end details and force transfer. The Tyfo® S Epoxy is a two-component epoxy matrix material.

[Product PDF File](#)

## Prefabricated Systems

### Tyfo® UC Laminate



A high modulus, high tensile strength, pull-formed, epoxy-carbon composite adhered to the primed substrate with thickened Tyfo® S Epoxy, Tyfo® TC Epoxy, Tyfo® TC-1 Epoxy or Tyfo® MB-3 Adhesive.

[Product PDF File](#)



### Tyfo® PR System

Prefabricated structural casing comprised of Tyfo® SEH-51A fabric and Tyfo® S Epoxy. Designed to add strength and ductility to existing piles.

[Product PDF File](#)