



# NSF Product and Service Listings

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## NSF/ANSI/CAN 61 Drinking Water System Components - Health Effects

NOTE: Unless otherwise indicated for Materials, Certification is only for the Water Contact Material shown in the Listing. [Click here for a list of Abbreviations used in these Listings.](#) [Click here for the definitions of Water Contact Temperatures denoted in these Listings.](#)

### Simpson Strong-Tie Company

5956 West Las Positas Boulevard  
Pleasanton, CA 94588  
United States  
800-999-5099

Facility : West Chicago, IL

#### Joining and Sealing Materials

Trade Designation	Size	Water Contact Temp	Water Contact Material
<b>Adhesives</b>			
AT-XP	[1]	CLD 23	ACR
AT-XP10	[1]	CLD 23	ACR
AT-XP13	[1]	CLD 23	ACR
AT-XP30	[1]	CLD 23	ACR
SET High Strength Epoxy	[2]	CLD 23	EPOXY
SET-3G	[2]	CLD 23	EPOXY
SET-PAC	[2]	CLD 23	EPOXY
SET-XP	[2]	CLD 23	EPOXY
SET-XP22	[2]	CLD 23	EPOXY
SET22	[2]	CLD 23	EPOXY
SET56	[2]	CLD 23	EPOXY
SETPAC-EZ	[2]	CLD 23	EPOXY

[1] Certified for a maximum exposed surface area of 43.2 sq. in./1000 gal.

[2] Certified for a maximum exposed surface area of 216 sq. in./1000 gal.

#### Sealants

CI-LV	[3]	CLD 23	EPOXY
CILV32	[3]	CLD 23	EPOXY
CILVKT3	[3]	CLD 23	EPOXY
ETI-LV Injection Epoxy	[4]	CLD 23	EPOXY
ETILV	[4]	CLD 23	EPOXY
ETILV22	[4]	CLD 23	EPOXY
SET High Strength Epoxy	[2]	CLD 23	EPOXY
SET-3G	[2]	CLD 23	EPOXY
SET-PAC	[2]	CLD 23	EPOXY
SET-XP	[2]	CLD 23	EPOXY
SET-XP22	[2]	CLD 23	EPOXY
SET22	[2]	CLD 23	EPOXY
SET56	[2]	CLD 23	EPOXY
SETPAC-EZ	[2]	CLD 23	EPOXY

- [2] Certified for a maximum exposed surface area of 216 sq. in./1000 gal.  
 [3] Certified for a maximum surface area of 568 square inches per 1000 gallons. Mix ratio 2:1 (Resin:Cure).  
 [4] Certified for a maximum exposed surface area of 22 sq. in./1000 gal.

### Protective (Barrier) Materials

Trade Designation	Water Contact Size Restriction	Water Contact Temp	Water Contact Material
<b>Coatings - Fittings[1]</b> Simpson Strong-Tie Composite Strengthening System	>= 1"	CLD 23	EPOXY

- [1] Product is applied in multiple layers with Layers 1,2, and 3 optional:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Epoxy Primer and Saturant apply 10 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 2: CSS-EP Paste Filler apply 40 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 3: CSS-CUGF27 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply with maximum thickness of 50 mils. It is permitted to place Layer 3 between layers of carbon fabric (Layers 4+).  
 Layer 4+: CSS-CUCF11, CSS-CUCF22, or CSS-CUCF44 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply 1 - 10 layers with a maximum thickness of 20 mils per layer of CSS-CUCF11, 40 mils per layer of CSS-CUCF22, or 80 mils per layer of CSS-CUCF44.  
 Saturation rate for fabrics: 1 gallon per 75 square feet of CSS-CUCF11; 1 gallon per 50 square feet of CSS-CUCF22; 1 gallon per 50 square feet of CSS-CUGF27; and 1 gallon per 25 square feet of CSS-CUCF44.  
 Final cure time is 72 hours at 70°F after application of final layer. There is no cure between the application of layers.

<b>Coatings - Pipe - Immediate Return to Service[1]</b> Simpson Strong-Tie Composite Strengthening System	>= 60"	CLD 23	EPOXY
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- [1] Product is applied in multiple layers with Layers 1,2, and 3 optional:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Epoxy Primer and Saturant apply 10 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 2: CSS-EP Paste Filler apply 40 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 3: CSS-CUGF27 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply with maximum thickness of 50 mils. It is permitted to place Layer 3 between layers of carbon fabric (Layers 4+).  
 Layer 4+: CSS-CUCF11, CSS-CUCF22, or CSS-CUCF44 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply 1 - 10 layers with a maximum thickness of 20 mils per layer of CSS-CUCF11, 40 mils per layer of CSS-CUCF22, or 80 mils per layer of CSS-CUCF44.  
 Saturation rate for fabrics: 1 gallon per 75 square feet of CSS-CUCF11; 1 gallon per 50 square feet of CSS-CUCF22; 1 gallon per 50 square feet of CSS-CUGF27; and 1 gallon per 25 square feet of CSS-CUCF44.  
 Final cure time is 72 hours at 70°F after application of final layer. There is no cure between the application of layers.

<b>Coatings - Tank[1]</b> Simpson Strong-Tie Composite Strengthening System	>= 6,000 gal.	CLD 23	EPOXY
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- [1] Product is applied in multiple layers with Layers 1,2, and 3 optional:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Epoxy Primer and Saturant apply 10 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 2: CSS-EP Paste Filler apply 40 wet mils maximum. Mix ratio of Part A to B is 2:1 by volume. Mix with a drill and mixing paddle until uniformly blended (5 minutes at 500 rpm). Apply 1 coat.  
 Layer 3: CSS-CUGF27 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply with maximum thickness of 50 mils. It is permitted to place Layer 3 between layers of carbon fabric (Layers 4+).  
 Layer 4+: CSS-CUCF11, CSS-CUCF22, or CSS-CUCF44 Fabric saturated with CSS-ES Epoxy Primer and Saturant (follow mixing instructions above). Apply 1 - 10 layers with a maximum thickness of 20 mils per layer of CSS-CUCF11, 40 mils per layer of CSS-CUCF22, or 80 mils per layer of CSS-CUCF44.  
 Saturation rate for fabrics: 1 gallon per 75 square feet of CSS-CUCF11; 1 gallon per 50 square feet of CSS-CUCF22; 1 gallon per 50 square feet of CSS-CUGF27; and 1 gallon per 25 square feet of CSS-CUCF44.  
 Final cure time is 72 hours at 70°F after application of final layer. There is no cure between the application of layers.

Between the application of layers.

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Number of matching Manufacturers is 1

Number of matching Products is 29

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