



The Public Health and Safety Organization

## NSF Product and Service Listings

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<http://info.nsf.org/Certified/PwsComponents/Listings.asp?Company=41060&>

## 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](#).** Products certified to NSF/ANSI/CAN 61 comply with the health effects criteria in NSF/ANSI/CAN 600.

### 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
ET-3G	[2]	CLD 23	EPOXY
ET3G10	[2]	CLD 23	EPOXY
ET3G22	[2]	CLD 23	EPOXY
ET3G56	[2]	CLD 23	EPOXY
SET-3G	[2]	CLD 23	EPOXY
SET-XP	[2]	CLD 23	EPOXY
SET-XP22	[2]	CLD 23	EPOXY

[1] Certified for a maximum exposed surface area of 25 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
CILV3KT	[3]	CLD 23	EPOXY
ET3G10	[2]	CLD 23	EPOXY
ET3G22	[2]	CLD 23	EPOXY
ET3G56	[2]	CLD 23	EPOXY
SET-3G	[2]	CLD 23	EPOXY
SET-XP	[2]	CLD 23	EPOXY
SET-XP22	[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).

**Protective (Barrier) Materials**

<b>Trade Designation</b>	<b>Water Contact Size Restriction</b>	<b>Water Contact Temp</b>	<b>Water Contact Material</b>
<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



[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.

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Number of matching Manufacturers is 1

Number of matching Products is 23

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