



# NSF Product and Service Listings

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## NSF/ANSI 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	[3]	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.

[3] Certified for a maximum exposed surface area of 300 sq. in./1000 gal.

#### Sealants

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	[3]	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 exposed surface area of 300 sq. in./1000 gal.  
 [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 4 layers:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Primer apply 10 wet mils. 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. 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 (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils.  
 Layer 4: CSS-UCF44 Fabric saturated with CSS-ES (follow mixing instructions above). Apply 10 coats. Maximum thickness is 80 mils per coat.  
 Saturation rate for fabrics: 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. There is no cure between the application of layers.

<b>Coatings - Pipe - Immediate Return to Service[1]</b> Simpson Strong-Tie Composite Strengthening System	>= 48"	CLD 23	EPOXY
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[1] Product is applied in 4 layers:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Primer apply 10 wet mils. 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. 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 (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils.  
 Layer 4: CSS-UCF44 Fabric saturated with CSS-ES (follow mixing instructions above). Apply 10 coats. Maximum thickness is 80 mils per coat.  
 Saturation rate for fabrics: 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. There is no cure between the application of layers.

<b>Coatings - Tank[1]</b> Simpson Strong-Tie Composite Strengthening System	>= 3,000 gal.	CLD 23	EPOXY
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[1] Product is applied in 4 layers:  
 Protective (Barrier) Materials  
 Layer 1: CSS-ES Primer apply 10 wet mils. 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. 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 (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils.  
 Layer 4: CSS-UCF44 Fabric saturated with CSS-ES (follow mixing instructions above). Apply 10 coats. Maximum thickness is 80 mils per coat.  
 Saturation rate for fabrics: 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. There is no cure between the application of layers.

Number of matching Manufacturers is 1  
 Number of matching Products is 26  
 Processing time was 0 seconds

