



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
Adhesives			
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 719 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
Coatings - Fittings[1]			
Simpson Strong-Tie Composite Strengthening System	>= 1"	CLD 23	EPOXY
<p>[1] Product is applied in 4 layers: Protective (Barrier) Materials Layer 1: CSS-ES or CSS-UES 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 or CSS-UES (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils. Layer 4: CSS-UCF44 Fabric saturated with CSS-ES or CSS-UES (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.</p>			
Coatings - Pipe - Immediate Return to Service[1]			
Simpson Strong-Tie Composite Strengthening System	>= 60"	CLD 23	EPOXY
<p>[1] Product is applied in 4 layers: Protective (Barrier) Materials Layer 1: CSS-ES or CSS-UES 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 or CSS-UES (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils. Layer 4: CSS-UCF44 Fabric saturated with CSS-ES or CSS-UES (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.</p>			
Coatings - Tank[1]			
Simpson Strong-Tie Composite Strengthening System	>= 6,000 gal.	CLD 23	EPOXY
<p>[1] Product is applied in 4 layers: Protective (Barrier) Materials Layer 1: CSS-ES or CSS-UES 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 or CSS-UES (follow mixing instructions above). Apply 1 coat. Maximum thickness is 50 mils. Layer 4: CSS-UCF44 Fabric saturated with CSS-ES or CSS-UES (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.</p>			

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