



- Testing was conducted on D250 SCA Bar Lock Couplers.
- All testing was done by an independent third party laboratory per AC133 using ASTM A615 Grade 60 epoxy bar.
- Installation procedure outlined in Dayton Superior Installation Instructions.
- Please contact Technical support with any questions.

## D250 SCA Bar-Lock Epoxy GR60 Type 1 Compliance

Test ID	Bar Size	Coupler Type	Reinforcing Bar Type	Bar Area (in <sup>2</sup> )	Tensile Strength (kips)	Tensile Strength (ksi)	%Fy 60 KSI	Type 1 125% of Fy
50314	4	D250 SCA	ASTM A615 GR60 Epoxy	0.20	18.3	91.7	153%	Pass
50315	4	D250 SCA	ASTM A615 GR60 Epoxy	0.20	18.6	92.8	155%	Pass
50317	4	D250 SCA	ASTM A615 GR60 Epoxy	0.20	18.7	93.3	155%	Pass
50310	5	D250 SCA	ASTM A615 GR60 Epoxy	0.31	29.2	94.3	157%	Pass
50311	5	D250 SCA	ASTM A615 GR60 Epoxy	0.31	30.7	99.0	165%	Pass
50312	5	D250 SCA	ASTM A615 GR60 Epoxy	0.31	26.9	86.9	145%	Pass
50322	6	D250 SCA	ASTM A615 GR60 Epoxy	0.44	38.4	87.2	145%	Pass
50323	6	D250 SCA	ASTM A615 GR60 Epoxy	0.44	39.0	88.5	148%	Pass
50324	6	D250 SCA	ASTM A615 GR60 Epoxy	0.44	39.6	90.1	150%	Pass
50346	7	D250 SCA	ASTM A615 GR60 Epoxy	0.60	56.5	94.2	157%	Pass
50347	7	D250 SCA	ASTM A615 GR60 Epoxy	0.60	53.1	88.5	148%	Pass
50348	7	D250 SCA	ASTM A615 GR60 Epoxy	0.60	51.4	85.7	143%	Pass
50318	8	D250 SCA	ASTM A615 GR60 Epoxy	0.79	74.7	94.6	158%	Pass
50328	8	D250 SCA	ASTM A615 GR60 Epoxy	0.79	78.6	99.5	166%	Pass
50329	8	D250 SCA	ASTM A615 GR60 Epoxy	0.79	77.9	98.6	164%	Pass
50319	9	D250 SCA	ASTM A615 GR60 Epoxy	1.00	93.0	93.0	155%	Pass
50332	9	D250 SCA	ASTM A615 GR60 Epoxy	1.00	85.1	85.1	142%	Pass
50333	9	D250 SCA	ASTM A615 GR60 Epoxy	1.00	87.0	87.0	145%	Pass
50334	10	D250 SCA	ASTM A615 GR60 Epoxy	1.27	120.0	94.5	157%	Pass
50335	10	D250 SCA	ASTM A615 GR60 Epoxy	1.27	112.0	88.2	147%	Pass
50336	10	D250 SCA	ASTM A615 GR60 Epoxy	1.27	120.0	94.5	157%	Pass
50337	11	D250 SCA	ASTM A615 GR60 Epoxy	1.56	144.0	92.3	154%	Pass
50338	11	D250 SCA	ASTM A615 GR60 Epoxy	1.56	141.0	90.4	151%	Pass
50339	11	D250 SCA	ASTM A615 GR60 Epoxy	1.56	150.0	96.2	160%	Pass
50342	14	D250 SCA	ASTM A615 GR60 Epoxy	2.25	190.0	84.4	141%	Pass
50343	14	D250 SCA	ASTM A615 GR60 Epoxy	2.25	190.0	84.4	141%	Pass
50344	14	D250 SCA	ASTM A615 GR60 Epoxy	2.25	185.0	82.2	137%	Pass
Cpl 1	18	D250 SCA	ASTM A615 GR60 Epoxy	4.00	362.7	90.7	151%	Pass
Cpl 2	18	D250 SCA	ASTM A615 GR60 Epoxy	4.00	337.2	84.3	141%	Pass
Cpl 4	18	D250 SCA	ASTM A615 GR60 Epoxy	4.00	360.7	90.2	150%	Pass