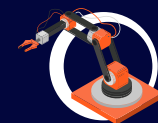
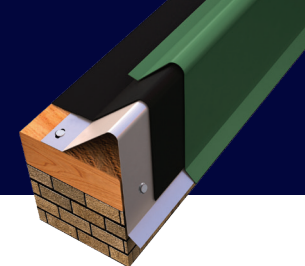


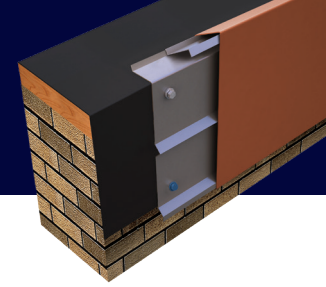
ANCHOR-TITE <sup>®</sup> FASCIA	FACE HEIGHT	COVER MATERIALS	PERIMETER FM RATING	CORNER FM RATING	ES-1 RATING	CLEAT LENGTHS	CLEAT MATERIAL	CLEAT TYPE	WIND WARRANTY	INSTALL METHOD
STANDARD FASCIA SINGLE-PLY	4" 5.5"	24 ga. 22 ga. .040	1-270	1-225	275	12 ft.	Aluminum	Extruded Bar	Lifetime, 215 MPH	Snap-On
STANDARD FASCIA SINGLE-PLY	7" 8.5"	24 ga. 22 ga. .040	1-150	1-120	155	12 ft.	Aluminum	Extruded Bar	Lifetime, 215 MPH	Snap-On
STANDARD FASCIA BUR/MOD	5.5"	24 ga. 22 ga. .040	1-270	1-225	275	12 ft.	Aluminum	Extruded Bar	Lifetime, 215 MPH	Snap-On
STANDARD FASCIA BUR/MOD	7" 8.5"	24 ga. 22 ga. .040	1-150	1-120	155	12 ft.	Aluminum	Extruded Bar	Lifetime, 215 MPH	Snap-On
EXTENDED FASCIA SINGLE-PLY	8.5" to 13"	.050 .063	1-180	1-135	176	12 ft.	Aluminum Bar w/ 20 ga. Cleat	Extruded Bar w/ Formed Cleat	Lifetime, 215 MPH	Snap-On
EXTENDED FASCIA BUR/MOD	8.5" to 13"	.050 .063	1-180	1-135	176	12 ft.	Aluminum Bar w/ 20 ga. Cleat	Extruded Bar w/ Formed Cleat	Lifetime, 215 MPH	Snap-On
EXTENDED CANTED FASCIA, GALVANIZED WATERDAM	5.5" 9" to 13.5"	.050 .063	1-135	1-105	139	12 ft.	Aluminum	Extruded Aluminum Bar	Lifetime, 215 MPH	Snap-On
HG FASCIA SINGLE-PLY	4" 5.5" 7"	.050 .063	1-375	1-300	365	12 ft.	Aluminum	Extruded Aluminum Bar	Lifetime, 215 MPH	Snap-On
HG FASCIA BUR/MOD	5.5" 7"	.050 .063	1-375	1-300	365	12 ft.	Aluminum	Extruded Aluminum Bar	Lifetime, 215 MPH	Snap-On
DRIP EDGE STANDARD OR PITCHED VERSIONS	3" 4.5" 6" 7.5"	24 ga. 22 ga. .040	1-585	1-465	98	12 ft.	Aluminum	Extruded Aluminum Bar	Lifetime, 215 MPH	Snap-On





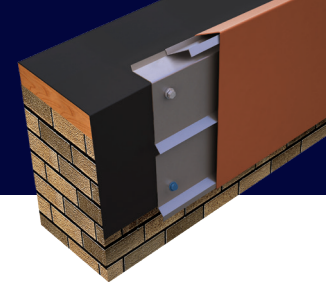
PERMA-TITE <sup>®</sup> FASCIA	FACE HEIGHT	COVER MATERIALS	PERIMETER FM RATING	CORNER FM RATING	ES-1 RATING	CLEAT LENGTHS	CLEAT MATERIAL	CLEAT TYPE	WIND WARRANTY	INSTALL METHOD
SYSTEM 200 FASCIA, CRIMP-ON SINGLE-PLY	5" to 8"	24 ga. 22 ga. .040	1-120	1-105	126	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Crimp-On
SYSTEM 200 FASCIA, CRIMP-ON SINGLE-PLY	5" to 8"	.050 .063	1-195	1-150	196	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Crimp-On
SYSTEM 200 FASCIA, CRIMP-ON SINGLE-PLY	>8" to 12.5"	.050 .063	1-90	1-75	97	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Crimp-On
SYSTEM 200 FASCIA, SNAP-ON SINGLE-PLY	5.25" to 8.25"	24 ga. 22 ga. .040	1-195	1-150	196	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On
SYSTEM 200 FASCIA, SNAP-ON SINGLE-PLY	5.25" to 8.25"	.050 .063	1-210	1-165	216	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On
SYSTEM 200 FASCIA, SNAP-ON SINGLE-PLY	>8.25" to 12.75"	.050 .063	1-120	1-90	116	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On
SYSTEM 300 FASCIA, SNAP-ON BUR/MOD	5.25" to 8.25"	24 ga. 22 ga. .040	1-195	1-150	196	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On
SYSTEM 300 FASCIA, SNAP-ON BUR/MOD	5.25" to 8.25"	.050 .063	1-210	1-165	216	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On
SYSTEM 300 FASCIA, SNAP-ON BUR/MOD	>8.25" to 12.75"	.050 .063	1-120	1-90	116	12 ft.	24 ga. Steel	Formed Canted Cleat	20 Year, 120 MPH	Snap-On





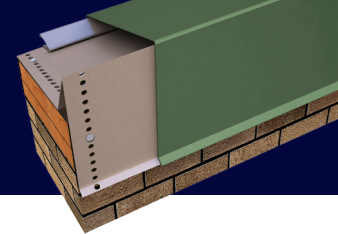
EDGE SYSTEMS ONE <sup>®</sup> FASCIA	FACE HEIGHT	COVER MATERIALS	PERIMETER FM RATING	CORNER FM RATING	ES-1 RATING	CLEAT LENGTH	CLEAT MATERIAL	CLEAT TYPE	WIND WARRANTY	INSTALL METHOD
ONE EDGE FASCIA SINGLE-PLY	4" 5"	24 ga. 22 ga. .040	1-405	1-315	396	12 ft.	20 ga. Steel	Formed	20 Year, 120 MPH	Snap-On
ONE EDGE FASCIA SINGLE-PLY	6.5" 8"	24 ga. 22 ga. .040	1-150	1-120	155	12 ft.	20 ga. Steel	Formed	20 Year, 120 MPH	Snap-On
ONE EDGE FASCIA BUR/MOD	5"	24 ga. 22 ga. .040	1-420	1-345	419	12 ft.	20 ga. Steel	Formed	20 Year, 120 MPH	Snap-On
ONE EDGE FASCIA BUR/MOD	6.5" 8"	24 ga. 22 ga. .040	1-180	1-135	179	12 ft.	20 ga. Steel	Formed	20 Year, 120 MPH	Snap-On
ONE EDGE EXTENDED FASCIA SINGLE-PLY	>8" to 12.5"	.050 .063	1-150	1-120	146	12 ft.	20 ga. Steel	Formed	20 Year, 120 MPH	Snap-On





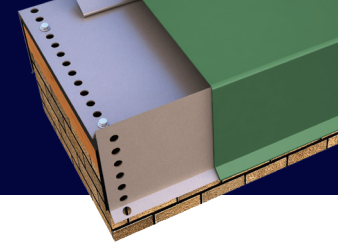
EDGE SYSTEMS ONE <sup>®</sup> DRIP EDGE AND GRAVEL STOP	FACE HEIGHT	COVER MATERIALS	PERIMETER FM RATING	CORNER FM RATING	ES-1 RATING	CLEAT LENGTH	CLEAT MATERIAL	CLEAT TYPE	WIND WARRANTY	INSTALL METHOD
ONE FLASH-THROUGH DRIP EDGE	6" or Less	24 ga. 22 ga. .040 .050 .063	1-285	1-225	276	12 ft.	22 ga. Steel	Formed	10 Year, 90 MPH	Fastened / Stripped In
ONE DRIP EDGE KYNAR, PVC/TPO COATED & PVC/TPO SKIRTED VERSIONS	6" or Less	24 ga. 22 ga. .040 .050 .063	1-285	1-225	282	12 ft.	22 ga. Steel	Formed	10 Year, 90 MPH	Fastened / Stripped In
ONE DRIP EDGE KYNAR, PVC/TPO COATED & PVC/TPO SKIRTED VERSIONS	>6" to 10"	24 ga. 22 ga. .040 .050 .063	1-180	1-135	177	12 ft.	22 ga. Steel	Formed	10 Year, 90 MPH	Fastened / Stripped In
ONE GRAVEL STOP	6" or Less	24 ga. 22 ga. .040 .050 .063	1-210	1-165	216	12 ft.	22 ga. Steel	Formed	10 Year, 90 MPH	Fastened / Stripped In
ONE GRAVEL STOP	>6" to 10"	24 ga. 22 ga. .040 .050 .063	1-255	1-210	258	12 ft.	22 ga. Steel	Formed	10 Year, 90 MPH	Fastened / Stripped In



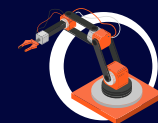


PERMA-TITE <sup>®</sup> COPING	INSIDE FACE	WALL WIDTH	OUTSIDE FACE	COVER MATERIAL	CLIP SPACING	CLIP MATERIAL	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	VERTICAL ES-1 RATING	WIND WARRANTY
FLAT, TAPERED, OR EXISTING SLOPE	4	10	6	.050 .063	4' O.C.	16 ga. Steel	1-240	1-150	403	403	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	12	6	.050 .063	4' O.C.	16 ga. Steel	1-225	1-150	393	393	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	6	.050 .063	4' O.C.	16 ga. Steel	1-150	1-105	272	272	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	12	.050 .063	4' O.C.	16 ga. Steel	1-120	1-75	202	202	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	6	.050 .063	3' O.C.	16 ga. Steel	1-105	1-60	186	186	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	12	.050 .063	3' O.C.	16 ga. Steel	1-105	1-75	191	191	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	32	6	.050 .063	2' O.C.	16 ga. Steel	1-90	1-60	152	152	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	10	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-210	1-135	363	363	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	12	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-150	1-90	263	263	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-135	1-90	231	231	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	12	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-75	N/A	147	147	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	6	24 ga. 22 ga. .040	3' O.C.	16 ga. Steel	1-75	N/A	131	131	20 Year, 120 MPH

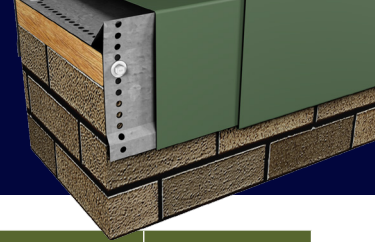




PERMA-TITE <sup>®</sup> FLUSH FACE COPING	INSIDE FACE	WALL WIDTH	OUTSIDE FACE	COVER MATERIAL	CLIP SPACING	CLIP MATERIAL	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	VERTICAL ES-1 RATING	WIND WARRANTY
FLAT, TAPERED, OR EXISTING SLOPE	4	10	6	.050 .063	4' O.C.	16 ga. Steel	1-300	1-195	513	513	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	12	6	.050 .063	4' O.C.	16 ga. Steel	1-240	1-150	403	403	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	6	.050 .063	4' O.C.	16 ga. Steel	1-150	1-90	262	262	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	12	.050 .063	4' O.C.	16 ga. Steel	1-150	1-90	261	261	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	6	.050 .063	3' O.C.	16 ga. Steel	1-135	1-90	236	236	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	12	.050 .063	3' O.C.	16 ga. Steel	1-105	1-75	191	191	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	32	6	.050 .063	2' O.C.	16 ga. Steel	1-90	1-60	171	171	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	10	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-225	1-150	383	383	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	12	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-195	1-135	343	343	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	6	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-135	1-90	232	232	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	16	12	24 ga. 22 ga. .040	4' O.C.	16 ga. Steel	1-135	1-90	227	227	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	6	24 ga. 22 ga. .040	3' O.C.	16 ga. Steel	1-120	1-75	211	211	20 Year, 120 MPH
FLAT, TAPERED, OR EXISTING SLOPE	4	24	12	24 ga. 22 ga. .040	3' O.C.	16 ga. Steel	1-90	1-60	171	171	20 Year, 120 MPH



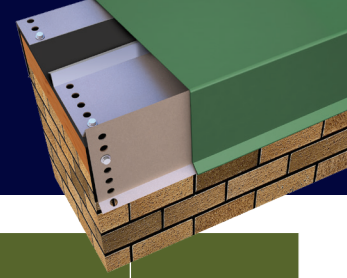
# ES-1 & FM RATINGS GUIDE



PERMA-TITE® GOLD COPING	INSIDE FACE	WALL WIDTH	OUTSIDE FACE	COVER MATERIAL	CLIP SPACING	CLIP MATERIAL	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	VERTICAL ES-1 RATING	WIND WARRANTY
TAPERED VERSION	4	10	6	.050 .063	3' O.C.	16 ga. Steel	1-300	1-195	513	513	Lifetime, 215 MPH
TAPERED VERSION	4	12	6	.050 .063	3' O.C.	16 ga. Steel	1-240	1-150	403	403	Lifetime, 215 MPH
TAPERED VERSION	4	16	6	.050 .063	3' O.C.	16 ga. Steel	1-150	1-90	262	262	Lifetime, 215 MPH
TAPERED VERSION	4	16	12	.050 .063	3' O.C.	16 ga. Steel	1-150	1-90	261	261	Lifetime, 215 MPH
TAPERED VERSION	4	24	6	.050 .063	3' O.C.	16 ga. Steel	1-135	1-90	236	236	Lifetime, 215 MPH
TAPERED VERSION	4	24	12	.050 .063	3' O.C.	16 ga. Steel	1-105	1-75	191	191	Lifetime, 215 MPH
TAPERED VERSION	4	32	6	.050 .063	2' O.C.	16 ga. Steel	1-90	1-60	171	171	Lifetime, 215 MPH
TAPERED VERSION	4	10	6	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-225	1-150	383	383	Lifetime, 215 MPH
TAPERED VERSION	4	12	6	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-195	1-135	343	343	Lifetime, 215 MPH
TAPERED VERSION	4	16	6	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-135	1-90	232	232	Lifetime, 215 MPH
TAPERED VERSION	4	16	12	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-135	1-90	227	227	Lifetime, 215 MPH
TAPERED VERSION	4	24	6	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-120	1-75	211	211	Lifetime, 215 MPH
TAPERED VERSION	4	24	12	24 ga. 22 ga. .040 .080	3' O.C.	16 ga. Steel	1-90	1-60	171	171	Lifetime, 215 MPH



# ES-1 & FM RATINGS GUIDE

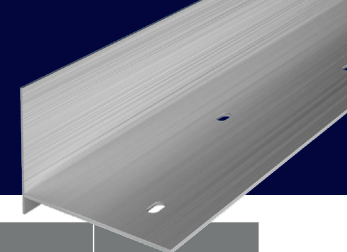


PERMA-TITE® CONTINUOUS CLEAT COPING	INSIDE FACE	WALL WIDTH	OUTSIDE FACE	COVER MATERIAL	CLEAT LENGTH	CLEAT MATERIAL	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	VERTICAL ES-1 RATING	WIND WARRANTY
TAPERED VERSION	4	24	6	.050 .063	12 ft.	20 ga. Steel	1-135	1-90	226	226	20 Year, 120 MPH
TAPERED VERSION	4	24	12	.050 .063	12 ft.	20 ga. Steel	1-135	1-90	241	241	20 Year, 120 MPH
TAPERED VERSION	4	32	6	.050 .063	12 ft.	20 ga. Steel	1-105	1-60	182	182	20 Year, 120 MPH
TAPERED VERSION	4	24	6	24 ga. 22 ga. .040	12 ft.	20 ga. Steel	1-90	1-60	166	166	20 Year, 120 MPH
TAPERED VERSION	4	24	12	24 ga. 22 ga. .040	12 ft.	20 ga. Steel	1-90	1-60	171	171	20 Year, 120 MPH

PERMA-TITE® GOLD CANTILEVER COPING	INSIDE FACE	WALL WIDTH	OUTSIDE FACE	COVER MATERIAL	CLIP SPACING	CLIP MATERIAL	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	VERTICAL ES-1 RATING	WIND WARRANTY
SINGLE CANTILEVER COPING	4	16	6	.050 .063	3' O.C.	20 ga. Riser 16 ga. Base	1-120	1-75	221	221	Lifetime, 215 MPH
SINGLE CANTILEVER COPING	4	24	10	.050 .063	3' O.C.	20 ga. Riser 16 ga. Base	1-90	1-60	161	161	Lifetime, 215 MPH
SINGLE CANTILEVER COPING	4	16	6	24 ga. 22 ga. .040	3' O.C.	20 ga. Riser 16 ga. Base	1-120	1-75	221	221	Lifetime, 215 MPH
SINGLE CANTILEVER COPING	4	24	10	24 ga. 22 ga. .040	3' O.C.	20 ga. Riser 16 ga. Base	1-90	N/A	151	151	Lifetime, 215 MPH







WOOD NAILER ALTERNATIVE (ELIMINAILER <sup>®</sup> -T)	FACE HEIGHT	FLANGE SIZE	BAR MATERIAL	BAR LENGTH	BAR TYPE	PERIMETER FM RATING	CORNER FM RATING	HORIZONTAL ES-1 RATING	WIND WARRANTY
CONSISTENT ROOF EDGE HEIGHT	1.5"	2.5" Non-Pitched	.080 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
CONSISTENT ROOF EDGE HEIGHT	1.5"	5.5" Non-Pitched	.100 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
CONSISTENT ROOF EDGE HEIGHT	3"	2.5" Non-Pitched	.080 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
CONSISTENT ROOF EDGE HEIGHT	3"	5.5" Non-Pitched	.100 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
CONSISTENT ROOF EDGE HEIGHT*	5.2"	4" Non-Pitched	.125 Aluminum	12 ft.	Extruded	N/A	N/A	550*	Lifetime, 215 MPH
METAL ROOF RETROFITS	1.5"	2.5" Pitched up to 4/12	.080 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
METAL ROOF RETROFITS	1.5"	5.5" Pitched up to 4/12	.100 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
METAL ROOF RETROFITS	3"	2.5" Pitched up to 4/12	.080 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
METAL ROOF RETROFITS	3"	5.5" Pitched up to 4/12	.100 Aluminum	12 ft.	Extruded	1-990	1-990	1200	Lifetime, 215 MPH
METAL ROOF RETROFITS*	5.2"	4" Non-Pitched	.125 Aluminum	12 ft.	Extruded	N/A	N/A	550*	Lifetime, 215 MPH

\*The 5.2" Eliminailer-T was tested at Metal-Era, maxing out the pull test machine at 550 PSF with out failing and without deformation



# ES-1 & FM RATINGS GUIDE



SEAL-TITE GOLD INDUSTRIAL GUTTER	STANDARD SIZES	COVER MATERIAL	LENGTH	ANSI/SPRI GT-1 RATING	PERIMETER FM RATING	WIND WARRANTY	INSTALL METHOD (NEED TO INCLUDE ONE PRODUCT BELOW TO MEET FM APPROVAL)
IGG-1 VERSION	6", 7" 8", 9"	24 ga. .040	12 ft.	150	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-1 VERSION	6", 7" 8", 9"	.050 .063	12 ft.	210	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-2 VERSION	6", 7" 8", 9"	24 ga. .040	12 ft.	150	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-2 VERSION	6", 7" 8", 9"	.050 .063	12 ft.	210	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-3 VERSION	6", 7" 8", 9"	24 ga. .040	12 ft.	150	N/A	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-3 VERSION	6", 7" 8", 9"	.050 .063	12 ft.	210	N/A	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-B VERSION	6", 7" 8", 9"	24 ga. .040	12 ft.	150	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IGG-B VERSION	6", 7" 8", 9"	.050 .063	12 ft.	210	1-90	30 Year, 160 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar

SEAL-TITE INDUSTRIAL GUTTER	STANDARD SIZES	COVER MATERIAL	LENGTH	PERIMETER FM RATING	WIND WARRANTY	INSTALL METHOD (NEED TO INCLUDE ONE PRODUCT BELOW TO MEET FM APPROVAL)
IG-1 VERSION	6", 7" 8", 9"	24 ga., .040, .050, .063	12 ft.	1-90	20 Year, 120 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IG-2 VERSION	6", 7" 8", 9"	24 ga., .040, .050, .063	12 ft.	1-90	20 Year, 120 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar
IG-B VERSION	6", 7", 8", 9"	24 ga., .040, .050, .063	12 ft.	1-90	20 Year, 120 MPH	Drip Edge, Gravel Stop Apron, Drain Bar, or Termination Bar

