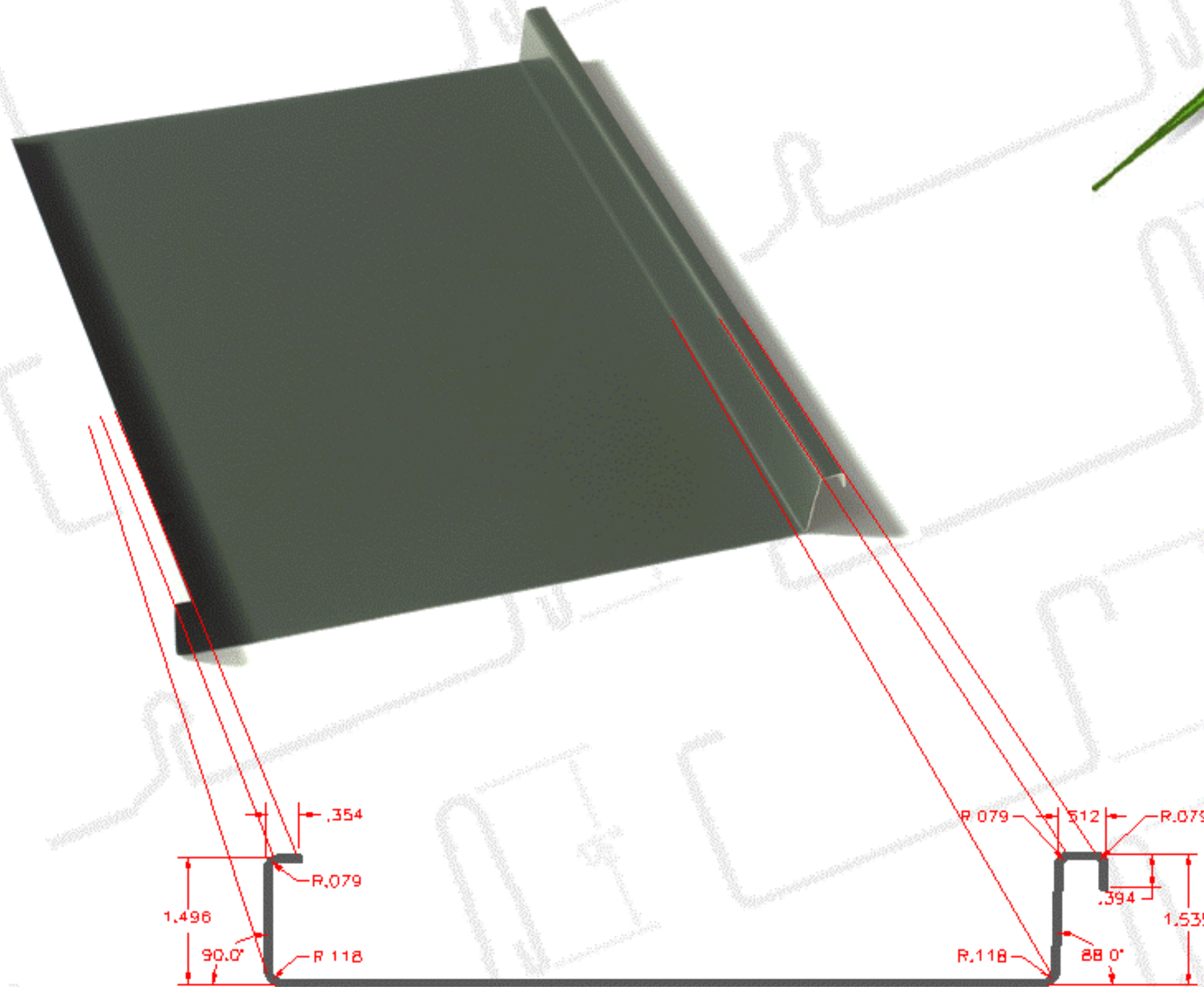


1 1/2" MECHANICAL PANEL



Hilliard, Ohio
 PH: 614-876-4280 / FX: 614-771-7625
 www.metalformedgoods.com



Advantages

- ◆ Available widths from 12" to 20"
- ◆ Can be installed on solid substrates or over open framing
- ◆ Mechanically seaming provides maximum uplift resistance
- ◆ Nominal 1 1/2" seam height with hidden fasteners
- ◆ Seams can be single or double locked
- ◆ 30 Year Finish Warranty
- ◆ 24 gauge Kynar steel standard

Materials:

- 24 gauge galvanized / galvalume steel (Standard)
- 22 & 26 gauge galvanized / galvalume steel
- .032 Aluminum (Kynar or Anodized)
- 16 & 20 ounce copper

Performance:

- ASTM 1592 Wind Uplift
- ASTM 1680 & 283 Air Infiltration
- ASTM 1646 & 331 Water Penetration
- ASTM 330 Structural Performance
- ASTM 380 Concentrated Load Test

Load Span Table for 1 1/2" Mechanical Seamed Panel
 18.25" Width

Material	24 Gauge			22 Gauge		
	THREE EQUAL SPANS			THREE EQUAL SPANS		
SPAN (FT)	W (PSF)	RE	RI	W (PSF)	RE	RI
2	162.5	130	357.5	218.75	175	481.2
2.5	104	104	286	140	140	385
3	72.22	86.7	238.3	97.22	116.7	320.8
3.5	53.06	74.3	204.3	71.43	100	275
4	40.63	65	178.8	54.69	87.5	240.6
4.5	32.1	57.8	158.9	43.21	77.8	213.9
5	26	52	143	35	70	192.5

W = Allowable Uniform Load

RE = End Support Reaction (#/ft)

RI = Intermediate Support Reaction (#/ft)

