

Ideal Roofing's Commercial rib is a handsome and versatile roofing or siding panel that has been exclusively designed for commercial applications. Store fronts, awnings and side walls can all be enhanced, beautified and protected by this strong and rigid cladding.

When installed on a roof the Commercial rib resembles the old style batten seam metal roofing, without the trouble of fastening metal clips or caps.

Offering a profile of four, 1-1/8" (29mm) high ribs, the "Commercial" can be used for both metal and wood structures. It is formed in panels covering 27" (686mm) in width that can be custom cut to lengths up to 40 feet (12.2m) for fast and easy installation.

AVAILABLE MATERIALS

Mill finish Galvanized Steel

- (ASTM-A-653, grade 33, Z275) (G-90));
- gauges: 28 (.018"/0.45mm thick),
- 26 (.021"/0.54mm thick),
- 24 (.026"/0.66mm thick).

Mill finish Galvalume Plus Steel

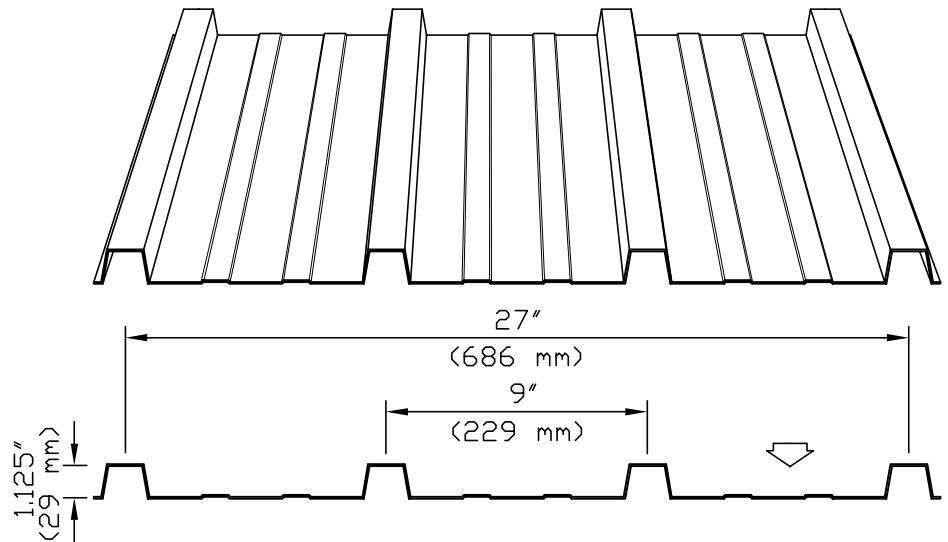
- (ASTM-A-792 SS, grade 33, AZ165);
- gauges: 28 (.018"/0.45mm thick),
- 26 (.021"/0.54mm thick).

Pre-painted Galvanized Steel

- (ASTM-A-653 SS, grade 33, Z275) (G-90);
- Perspectra/Weather X Series: see colour chart^{*1}
- gauges: 28 (.018"/0.45mm thick),
- 26 (.021"/0.54mm thick),
- 24 (.026"/0.66mm thick).

| | |
|---------------------------|---|
| Minimum Yield Stress | Fy = 33,000.00 P.S.I. (228 Mpa) |
| Maximum Working Stress Fb | = 20,625.00 P.S.I. (144 Mpa) |
| Young's Modulus | (E) = 29,500,000.00 P.S.I. (203 Mpa) |

*1): Other finishes and gauges are available, contact our office



Commercial Rib

| UNIFORMLY DISTRIBUTED LOADS (psf/Kpa) | | | |
|--|--------------|------------------------------|-------------------------------|
| Span Condition | Span in.(mm) | 28 gauge (.018" / 0.45mm) | 26 gauge (.021" / 0.54 mm) |
| | | D | D |
| T R I P L E | 18 (460) | 236 (11.52) | 302 (14.74) |
| | 24 (600) | 133 (6.49) | 170 (8.30) |
| | 27 (680) | 105 (5.13) | 134 (6.54) |
| | 32 (760) | 85 (4.15) | 108 (5.27) |
| | 33 (840) | 70 (3.42) | 90 (4.39) |
| | 36 (920) | 59 (2.88) | 75 (3.66) |
| | 39 (1000) | 50 (2.44) | 64 (3.12) |
| | 42 (1070) | 43 (2.10) | 55 (2.69) |
| | 45 (1140) | 37 (1.81) | 48 (2.34) |
| 48 (1220) | 33 (1.61) | 42 (2.05) | |

D = Load capacity based on deflection L/180