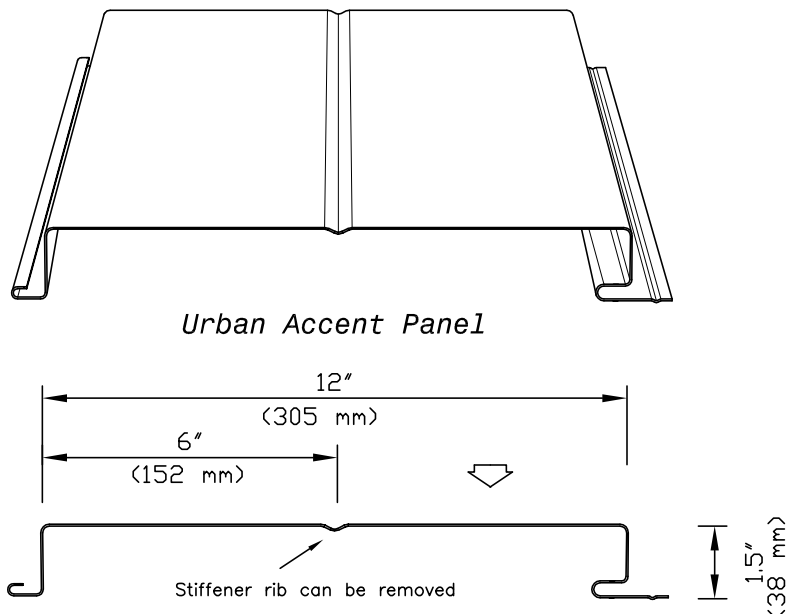


Designed for vertical siding, horizontal siding, fascia and soffit applications, with its **concealed fastener** system, Ideal's Urban Accent Panel creates a **clean and flush surface appearance**.

For easier installation, the interlocking leg features a **fastening groove** and a **weather tight overlap**. (see diagram)

Recommended with an **attractive central inverted stiffener rib**, to reduce "oil canning", the Urban Accent Panel is easy to trim, is rollformed into lengths up to 40 foot (12.2m), covers 12 inches (305mm) and is fabricated with .032" (0.81mm) thick (22 gauge), 8000 series galvanized pre-painted steel with a 25 year limited warranty. On a special order basis .038" (0.96mm) thick (20 gauge) and other paint systems are also available.

Often used in conjunction with other Ideal Roofing steel siding panels or other cladding materials on commercial building, the Urban Accent Panel can be installed over a variety of substructures such a light gauge framing, purlins or girders, structural steel or over solid backing.

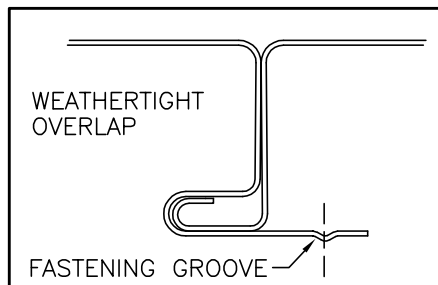


AVAILABLE MATERIALS

Pre-painted Galvanized Steel (8000+ Series)
 - ASTM-A653 SS grade 33 Architectural panel
 gauge: 22 (.032"/0.81mm thick)
 (other gauges and paint systems available)

| | |
|---------------------------|---|
| 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) |

NOTE: "Oil Canning" is not a cause for rejection.



| Total Nominal Thickness Galv. Z275 Inch (mm) | Core Nominal Thickness Inch (mm) | Section Modulus | | Moment of Inertia in ⁴ (mm ⁴) | Allowable Reaction Ends lb (KN) |
|--|----------------------------------|---|--|--|---------------------------------|
| | | Mid-Span in ³ (mm ³) | Support in ³ (mm ³) | | |
| .032 (0.81) | .030 (0.76) | .0951 (5.10) | .1357 (7.29) | .1553 (0.2120) | 326.2 (4.81) |
| .038 (0.96) | .036 (0.91) | .1265 (6.78) | .1620 (8.71) | .1851 (0.2528) | 481.8 (7.11) |

| UNIFORMLY DISTRIBUTED LOADS (psf / Kpa) | | | | | |
|---|--------------|----------------------------|-------------|----------------------------|-------------|
| Span Condition | Span In (mm) | 22 gauge / .032" (0.81 mm) | | 20 gauge / .038" (0.96 mm) | |
| | | B | D | B | D |
| S I N G L E | 36 (1000) | 139 (5.63) | 275 (10.05) | 185 (7.48) | 356 (13.01) |
| | 48 (1200) | 78 (3.91) | 116 (5.81) | 104 (5.20) | 150 (7.53) |
| | 60 (1500) | 50 (2.50) | 59 (2.98) | 67 (3.33) | 77 (3.86) |
| | 72 (1800) | 35 (1.74) | 34 (1.72) | 46 (2.31) | 45 (2.23) |
| | 84 (2200) | 26 (1.16) | 22 (0.94) | 34 (1.55) | 28 (1.22) |
| D O U B L E | 96 (2400) | 20 (0.98) | 15 (0.73) | 26 (1.30) | 19 (0.94) |
| | 36 (1000) | 199 (8.05) | 660 (24.11) | 238 (9.62) | 856 (31.53) |
| | 48 (1200) | 112 (5.59) | 278 (13.95) | 134 (6.68) | 361 (18.07) |
| | 60 (1500) | 72 (3.58) | 143 (7.14) | 86 (4.27) | 185 (9.25) |
| | 72 (1800) | 50 (2.49) | 83 (4.13) | 59 (2.97) | 107 (5.35) |
| T R I P L E | 84 (2200) | 37 (1.66) | 52 (2.26) | 44 (1.99) | 67 (2.93) |
| | 96 (2400) | 28 (1.40) | 35 (1.74) | 33 (1.67) | 45 (2.26) |
| | 36 (1000) | 218 (8.79) | 520 (18.99) | 290 (11.69) | 674 (24.59) |
| | 48 (1200) | 123 (6.10) | 219 (10.99) | 163 (8.12) | 284 (14.23) |
| | 60 (1500) | 78 (3.91) | 112 (5.63) | 104 (5.20) | 146 (7.29) |
| P L E | 72 (1800) | 54 (2.71) | 65 (3.26) | 72 (3.61) | 84 (4.22) |
| | 84 (2200) | 40 (1.82) | 41 (1.78) | 53 (2.42) | 53 (2.31) |
| | 96 (2400) | 31 (1.53) | 27 (1.37) | 41 (2.03) | 36 (1.78) |

B = capacity based on strength
 D = load capacity based on deflection L/180