200 Series Panels

200 Panel Series
Material: Aluminium extrusion grade 6060 T5 Temper
(to AS/NZS 1899-1997)
201/600, length 6000mm, width 600mm, depth 13mm,
weight 28kg/panel or 7.75kg/sqm,
202/600, length 6000mm, width 600mm, depth 22mm
weight 35kg/panel or 9.75kg/sqm

Note: All length tolerance +100mm, -0mm. Width +3mm

Nominal sizes

Cross sections below

Web cross section 201 lightweight series Panels
Web cross section 202 heavyweight series Panels

Load Span Graph
For 200 Series Ampligrip Grating

For multiple continuous spans of equal length, the load values obtained from
this graph may be multiplied by a factor of 1.4, or if the loading is to remain
the same, the span can be increased by a factor of 1.087
Juralco Ampligrip Aluminium Grating System - Extrusions, Components

30mm F SECTION END BAR
Part No: JJA 003
(for 30mm Tread)

40mm F SECTION END BAR
Part No: JJA 004
(for 40mm Tread)

22mm C SECTION END BAR
Part No: JJA 005
(for JJ 202)

22mm I SECTION JOINING BAR
Part No: JJA 006
(for JJ 202)

40mm C SECTION WALKWAY SUPPORT
Part No: JJA 008
(for JA 011)

30mm I SECTION JOINING BAR
Part No: JJA 006
(for JJ 430)

Components

Retaining Disc, 58mm
Part No: JJA 007

Self Tapping Screw
Part No: JJA 009

Well Nut M5
Part No: JJA 018

SS Hex Bolt: M5 x 28
Part No: JJA 019

Sealing Washer, 5mm
Part No: JJA 020

12 x 45mm incl. Washer
Class 3 coating to Au3009
Fixing Method

400 SERIES

200 SERIES

SUPPORT

JURALCO™ ALUM. RETAINING DISC
ORDER CODE JA - 007

ORDER CODE JA - 012

APPLIED REG. DES.

EDGEBAR

LOAD BARS

SUPPORT

8 MAX. SUBJECT TO
APPLIED TORQUE

MIN. 3 THREADS TO
PROTRUDE. (SELF
DRILLING AND THREAD
FORMING SCREWS.)

SECTION A - A

SECTION B - B

METHOD No. 2

JURALCO™ ALUM. GRATING CLAMP
ORDER CODE JA - 007

SECTION THROUGH
JURALCO™
ALUM. RETAINING DISC
ORDER CODE JA - 007

GRATING TYPE | MAX. UNTHREADED SHANK
--- | ---
201 | 13
202 | 22
430 | 30
440 | 40

FASTENERS REQUIRED FOR METHOD 1
(NOT STOCKED BY JURALCO™)

WHEN FASTENING TO METAL USE
- M8 HEX HEAD BOLT, NUT & 2 FLAT WASHERS - 304 ST/STEEL
- No. 14 - 25 HEX HEAD SELF DRILLING SCREW
  - CLASS 3 FINISH (3.0mm MATERIAL WAX)
- No. 14 - 14 HEX HEAD TYPE T. T. TREAD FORMING SCREW
  - 304 ST/STEEL

WHEN FASTENING TO WOOD USE
- No. 14 - 10 HEX HEAD TYPE 17 SELF DRILLING SCREW
  - 304 ST/STEEL

SECTION C - C

M6 x 30 OR M5 x 0.8 ST. STEEL SET SCREW
(ORDER CODE JA015 OR JA016 RESPECTIVELY)
WITH M5 FLAT ST. STEEL WASHER
(ORDER CODE JA017)
Joining Panels

1. Cut panels to length required (through webs if possible) from standard 8000 long panels ensuring that load bars span between supports and that adjacent panels are pattern matched if required.

2. Fit Juralco™ F section end bars if required. (see T.D.S. 'A1')

3. Join panels together (bolt or weld) as shown in section 1-3 - if required

400 SERIES - 300 WIDE
BOLTED INSTALLATION