

Monkeytoe

# Installation Compliance Guide

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Installation Compliance  
Guide



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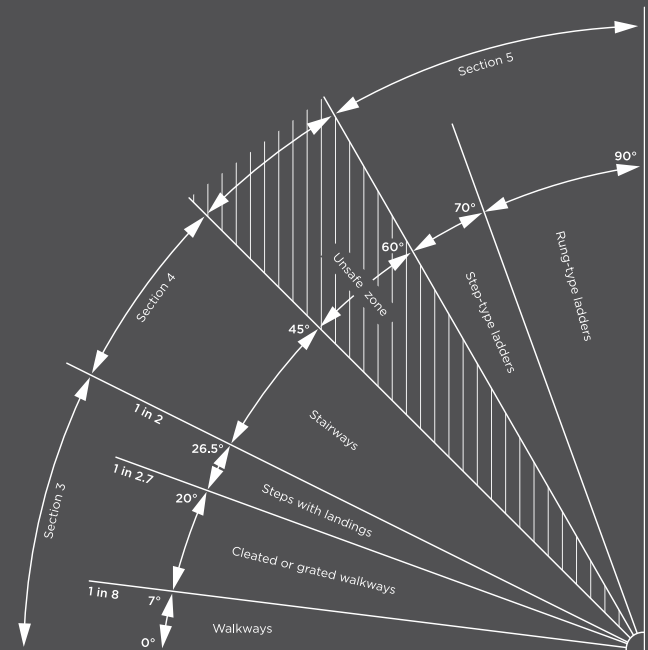
Compliance  
simply isn't  
optional  
with  
Monkeytoe  
solutions.



# Walkways, stairs or ladders?

Knowing where, when and how they can be used is a key requirement to any successful build.

Use the diagram below as a quick reference guide for determining the compliance of your access type.



**FIGURE 1.**  
ACCEPTABLE SLOPES FOR WALKWAYS,  
STAIRWAYS, AND FIXED LADDERS.



# Smartwalk Walkway

# 1

The Smartwalk Walkway system is a 2.5kPa rated high-tensile aluminium system incorporating the amplimesh deck. This is used either levelled or non-levelled with single or double-sided handrails on any commercial or industrial building/plant roof top as access routes to industrial plants, infill modules for riser shafts, bridge walkways, spanning bund edges, or access over skylights.

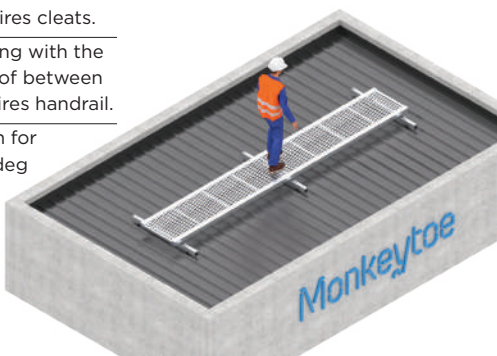
## COMPLIANCE NOTES

- Minimum width of walkway must be 600mm. With double-sided handrail the minimum width must be 550mm between the handrails.
- Walkway supports must have an average spacing of 2400mm with a maximum spacing of 3000mm
- Walkway must be levelled for any cross-slope pitch exceeding 7deg.
- Handrailing is required for any cross-slope pitch exceeding 11deg.
- Walkway running with the slope of the roof between 10-20deg requires cleats.
- Walkway running with the slope of the roof between 15-20deg requires handrail.
- Maximum pitch for walkway is 20deg before stairs must be introduced.

## PRODUCT CERTIFICATION

Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **AS/NZ 1170**
- ✓ **AS/NZ 1891**
- ✓ **B1 Building Code - Structure Durability**





# Skywalk Walkway

# 2

The Skywalk Walkway system is a 1.5kPa rated amplimesh deck fixed to aluminium longitudinal support beams. This is used either levelled or non-levelled with single or double-sided handrails on any commercial or industrial building/plant roof top as access routes to industrial plants, infill modules for riser shafts, bridge walkways, spanning bund edges, or access over skylights.

## COMPLIANCE NOTES

- Minimum width of walkway must be 600mm. With double-sided handrail the minimum width must be 550mm between the handrails.
- Walkway supports must have an average spacing of 2000mm with a maximum spacing of 2400mm.
- Walkway must be levelled for any cross-slope pitch exceeding 7deg.
- Handrailing is required for any cross-slope pitch exceeding 11deg.
- Walkway running with the slope of the roof between 10-20deg requires cleats.
- Walkway running with the slope of the roof between 15-20deg requires handrail.
- Maximum pitch for walkway is 20deg before stairs must be introduced.

## PRODUCT CERTIFICATION

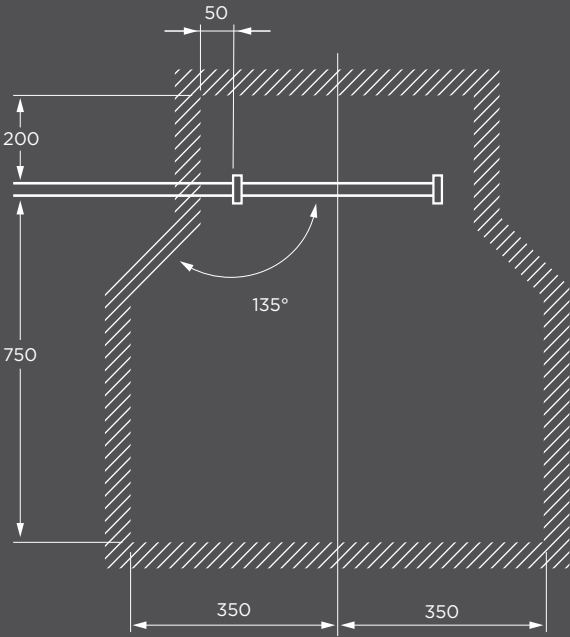
Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **AS/NZ 1170**
- ✓ **AS/NZ 1891**
- ✓ **B1 Building Code - Structure Durability**

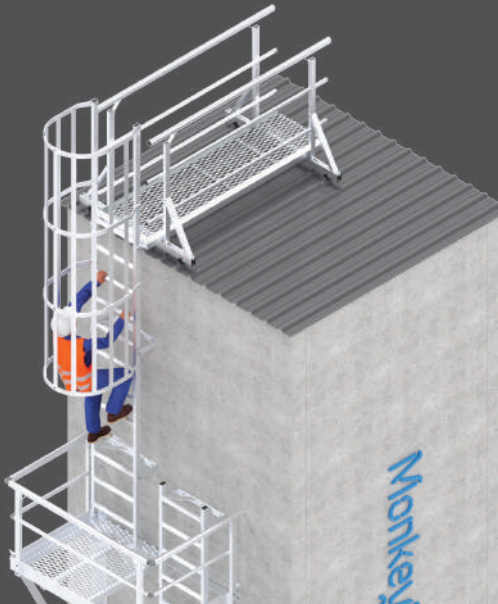




**FIGURE 2.**  
TYPICAL MINIMUM CLEARANCES  
FOR RUNG-TYPE LADDERS.



Dimensions in millimetres







# Rung-type Ladders

# 3

Aluminium ladders with walk-off kits are utilised where permanent fixed access is required to the building roof, or other elevated areas, and mid/change-of-direction landings can also be added depending on the overall height required.

## COMPLIANCE NOTES

- Monkeytoe recommend a cage on ladders 3.5m and above as a guideline, however code does not strictly require it until 6m.
- Monkeytoe recommends a mid/change-of-direction landing every 6m on caged ladders in compliance with AS 1657, however within the NZBC there is allowance to go to 9m without a mid/change-of-direction landing.
- Cages/ladders must extend nothing less than 1000mm above the landing.
- Rung-type ladders can be installed between 70-90deg. pitch.
- Distance between ladder rungs must be between 250 - 300mm apart, and uniform throughout.
- see minimum clearances for rung-type ladders (**Figure 2**, pg. 10)
- Monkeytoe recommends ladder cages begin at a height of 2200-2500mm in accordance with AS 1657, for reasons of practicality and increased safety. NZBC recommends ladder cages begin at 2500mm.


## PRODUCT CERTIFICATION

Design in accordance with relevant sections of

 **AS/NZ 1657**

 **B1 Building Code - Structure Durability**

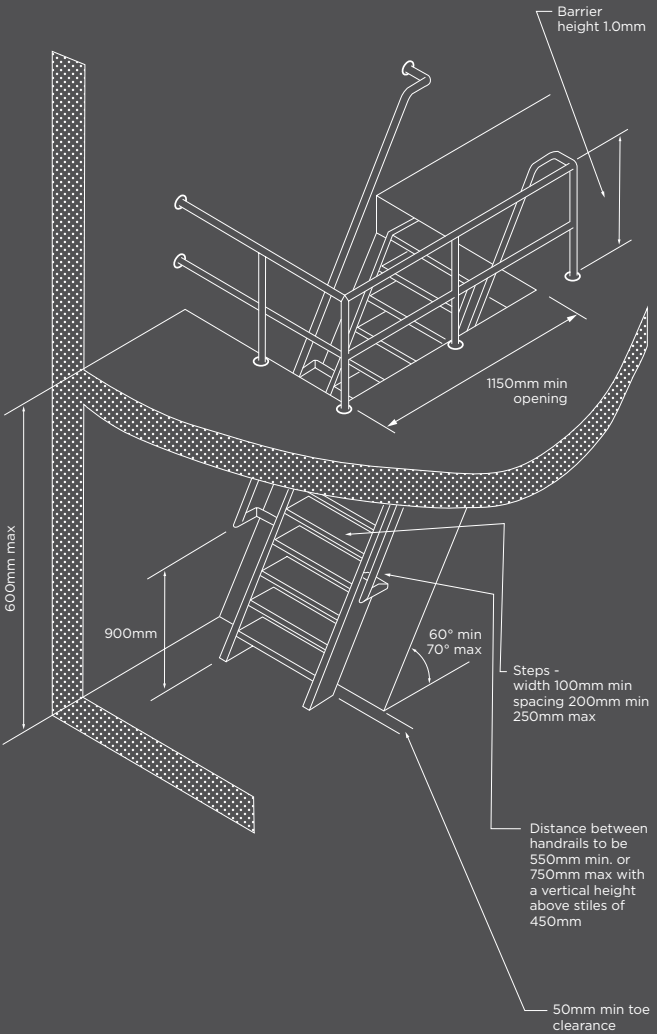
 **AS/NZ 1170**

 **OHS codes of practice/guidelines**

 **AS/NZS 1891**



**FIGURE 3.**  
ACCEPTABLE SLOPES FOR WALKWAYS,  
STAIRWAYS, AND FIXED LADDERS.





# Step-type Ladders

# 4

An aluminium step-type ladder provides access to a roof or elevated area and is typically used in cases whereby access space is scarce. These ladders can be between 60 - 70deg. in pitch and are often utilised in service rooms up to an access hatch.


## COMPLIANCE NOTES

- Installed between 60-70deg.
- Cages are required 6m or above.
- Where the height of the step-type ladder exceeds 6m, a change-of-direction or 1.5m landing will need to be introduced.
- Step treads are to be a minimum of 100mm with the top tread 150-200mm.
- See step-type ladder requirements (**Figure 3**, pg 10)

## PRODUCT CERTIFICATION

Design in accordance with

 **AS/NZ 1657**

 **B1 & B2 Building Code - Structure Durability**





# Accessible Stairs

# 5

An accessible stair is a stairway which has features for use by people with disabilities, and is required on buildings that the general public use, whether or not a lift is provided. Common examples are community centres, childcare facilities etc.

## COMPLIANCE NOTES

- Max pitch - 32deg.
- Must have double-sided handrails and width between handrails must be minimum 900mm. At the top and bottom of every flight there must be 300mm flat level area.
- Maximum tread must be 310mm with 180mm rise
- Must have closed risers
- Must be rated to 4kPa
- Landings - minimum 900mm long, with max rise of 2.5m
- See handrails, landings and compliance requirements for stairs (**Figure 4**, pg 17).

## PRODUCT CERTIFICATION

Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code - Structure Durability**
- ✓ **OHS Codes of practice/guidelines**
- ✓ **D1 Building Code - Access Routes**





# Service Stairs

# 6

A service stair is a stairway that is for infrequent use for the purpose of maintenance or movement of goods, and provides access to specific areas such as the roof, elevated areas or equipment rooms. These stairs are most commonly used in commercial or industrial buildings/plants and customised to suit the specific access required.

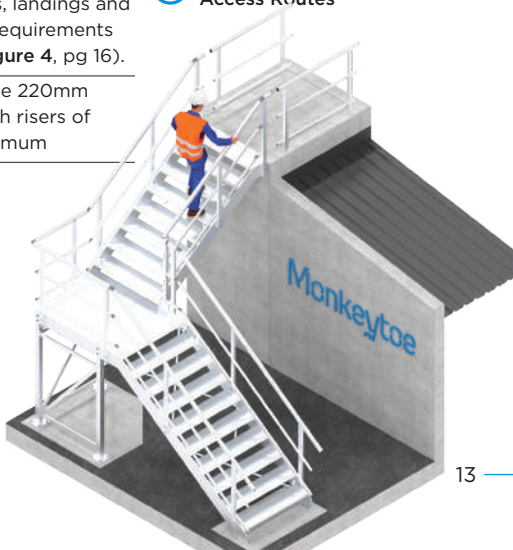
## COMPLIANCE NOTES

- No less than 600mm wide.
- Must be rated to 2.5kPa
- Max pitch 47deg. In accordance with D1 Building Code - Access Routes
- Landings - equal to, or more than the width of the stairs, with max rise of 4m (18 risers per flight).
- See handrails, landings and compliance requirements for stairs (**Figure 4**, pg 16).
- Tread must be 220mm minimum with risers of 220mm maximum

## PRODUCT CERTIFICATION

Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code - Structure Durability**
- ✓ **OHS Codes of practice/guidelines**
- ✓ **D1 Building Code - Access Routes**







# Common Stairs



A common stair is a stairway which is used by the public. A private common stair, is a stair used by a household unit, and a main private common stair is a private stairway intended to provide access between frequently used spaces. These stairs are most commonly used in apartment buildings, hospitality buildings, housing blocks etc.

## COMPLIANCE NOTES

- Max pitch - 37deg.
- Width between handrails must be minimum 900mm.
- Landings - minimum 900mm long, with max rise of 2.5m (18 risers per flight)
- Minimum single-sided handrail.
- See handrails, landings and compliance requirements for stairs (**Figure 4**, pg 17)
- Tread must be 280mm minimum with risers of 190mm maximum.

## PRODUCT CERTIFICATION

Design in accordance with relevant sections of

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code - Structural Durability**
- ✓ **OHS codes of practice/guidelines**
- ✓ **D1 Building Code - Access Routes**



# Secondary Private Stairs

# 8

A secondary private stair is a private stairway other than a main or minor private stairway, intended to provide access to another floor containing only accommodation or amenities. These stairs are most commonly used in apartment buildings, hospitality buildings, housing blocks etc.

## COMPLIANCE NOTES

- Max pitch - 41deg.
- Landings - minimum 900mm long, with max rise of 4m (18 risers per flight).
- See handrails, landings and compliance requirements for stairs (**Figure 4**, pg 17).
- Tread must be 250mm minimum with risers of 200mm maximum.

## PRODUCT CERTIFICATION

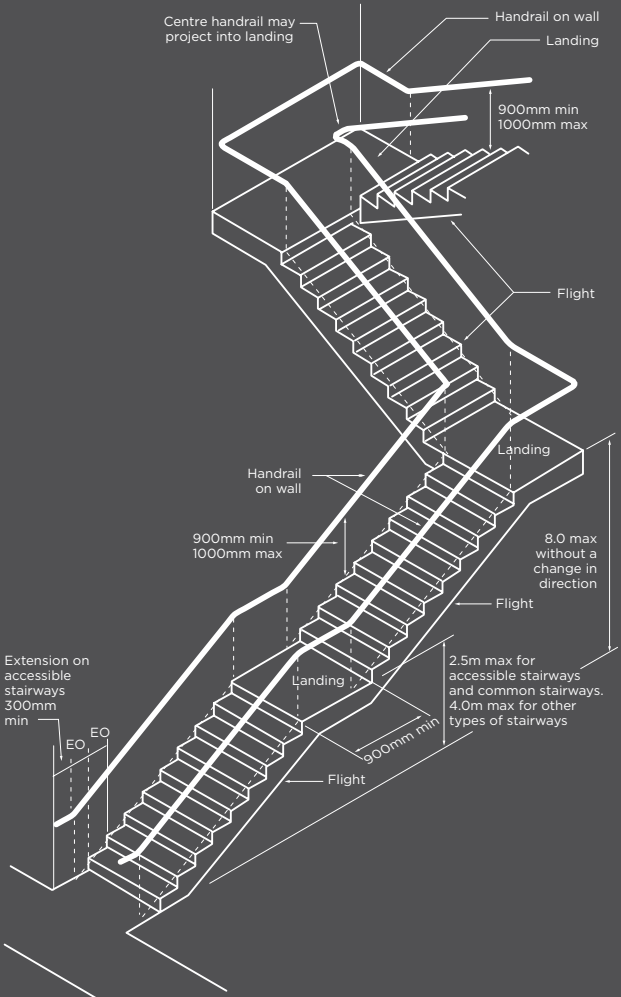
Design in accordance with relevant sections of:

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code - Structural Durability**
- ✓ **OHS codes of practice/guidelines**
- ✓ **D1 Building Code - Accessible Routes**





**FIGURE 4.**  
HANDRAILS, LANDINGS AND  
COMPLIANCE REQUIREMENTS  
FOR STAIRS.





# Aluminium Handrails

# 9

Handrailing can be utilised in a range of scenarios but primarily on walkways, stairs, platforms, the roof edge or any other situation where edge protection is required (mountable to any roofing profile, parapet or wall).

## COMPLIANCE NOTES

- Handrail must be between 900-1000mm, except when mounted to the top of a balustrade or when the stair flight becomes level to match 1100mm height of barrier/balustrade.
- Shape diagram must have minimum clearance from the handrail to any obstruction behind of 45-60mm.
- Must have a diameter of 32-50mm.

## PRODUCT CERTIFICATION

Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code**
- ✓ **C3 Loading Class**





## 3-Rail Barrier

# 10

Handrailing can be utilised in a range of scenarios but primarily on walkways, stairs, platforms, the roof edge or any other situation where edge protection is required (mountable to any roofing profile, parapet or wall).

### COMPLIANCE NOTES

- Max spacing between rails - 450mm
- If full height the barrier must have three rails (including top rail). Bottom rail can be substituted for kick-plate.
- Barrier is required as edge protection anywhere a safe working environment is required where there is a fall of 1000mm or greater.
- Minimum loading in a horizontal direction is 600N.
- Minimum height for barrier on stairs is 900mm, and 1100mm on levels in accordance with F4.
- Non-certified personnel cannot enter hazardous zones without edge protection or fall arrest system.

### PRODUCT CERTIFICATION

Design in accordance with

- ✓ **AS/NZ 1657**
- ✓ **B1 Building Code - Structure Durability**
- ✓ **C1 Loading Code**





# Aluminium Balustrades

# 11

Contemporary Balustrade is typically utilised on internal stairs such as house/building stairwells, general safety egress stairs such as fire exits, and as a front of house balustrade particularly for multi-story buildings e.g. retirement apartment villages, hospitality blocks etc.

## COMPLIANCE NOTES

- For areas likely to be frequented by children under 6yrs
- 100mm object must not be able to pass between rails
- Must be positioned 900 - 1000mm above the pitch line.

## PRODUCT CERTIFICATION

Design in accordance with

 **NZS/AS 1675-1992**

 **F4 Building Code - Safety From Falling**

 **D1 Building Code - Accessible Routes**





# Roof Access Hatches

# 12

Roof Access Hatches are utilised as a sturdy, high-strength solution whereby access to the ceiling or roof is gained internally, often in apartment blocks and commercial buildings..

## COMPLIANCE NOTES

- Where permanent ladder access is in place, it must comply with ladder minimum clearance requirements (see ladder diagram **Figure 3** pg.10). This is primarily to provide head clearance when climbing through the hatch.

## PRODUCT CERTIFICATION

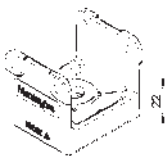
Design in accordance with relevant sections of

- ✓ **B1 Building Code - Structure Durability**
- ✓ **E2 Building Code - External Moisture**
- ✓ **OHS codes of practice/guidelines.**



Components

# ROOF CLIP COMPONENTS



**RC01.3**  
22 x 22 Roof Clip



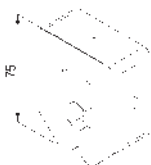
**RC03.\* Roof Clip Insert**  
SPECIFY ROOF PROFILE



**RC03**  
37 x 22 Roof Clip



**RC02.3**  
RC02 Top Fix Roof Clip



**AC-MD400 30**  
Hidden Fix Clip



**RC05.1**  
Roof Clip Top Screw Insert

Components

# STANDARD CONNECTORS



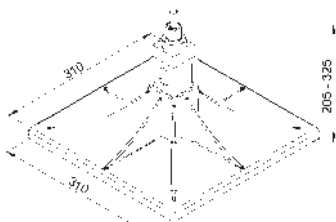
**FAT TSE\***  
Adhesive Tape  
Available For Roofing on  
Membrane And Cladding Panels



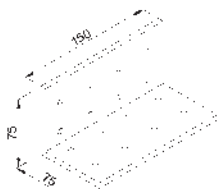
**MP011.1**  
Tracing Plate



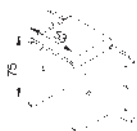
**MP011.2**  
Tracing Plate



**CSM.301**  
Smartclip Foot



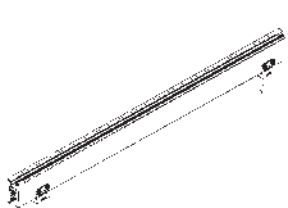
**EW011**  
Joint Rail Bracket



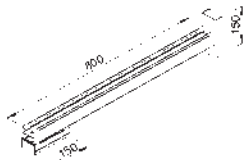
**MP018**  
Perpendicular Joint

Components

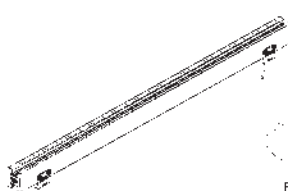
# WALKWAY COMPONENTS



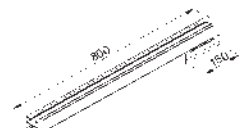
**MW002**  
Skywalk Support (PM03)  
SPECIFY LENGTH AND ROOF PROFILE



**MW004 B**  
Walkway with Handrail Leveling Rail (PM02)



**SW002**  
Skywalk Support (PM06 Type 2)  
SPECIFY LENGTH AND ROOF PROFILE



**MW004 A**  
Walkway Leveling Rail (PM01)



**BW031**  
Mesh Washer



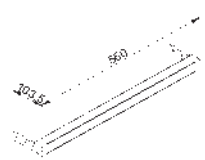
**MW004\***  
Walkway Leveling Bracket  
SPECIFY ROOF PITCH



**MW005.1**  
Checkplate Edge Cap



**MW005.2**  
Checkplate Valley Cap



**MW003\***  
Walkway End Angle



**SW009**  
TRIPLE



**PM11 400\***  
Walkway Joist



**SW003**  
Skywalk Corner Joist



**SW004\***  
PM02/PM03 Joist

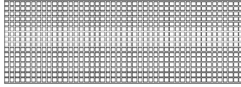


**MW006**  
Walkway Clip

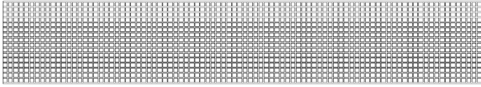


Components

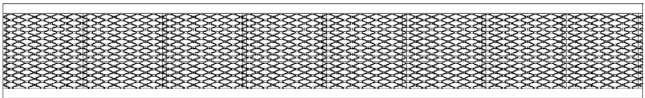
# WALKWAY COMPONENTS



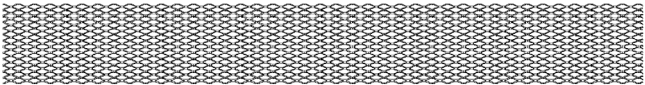
SW001.18  
1800 x 615 x 15mm FRP Sheet  
OTHER LENGTHS AVAILABLE



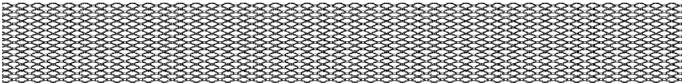
SW001.36  
3600 x 615 x 15mm FRP Sheet  
OTHER LENGTHS AVAILABLE



MW001.\*  
4800 x 710mm Aluminium Walkway  
OTHER LENGTHS AVAILABLE



EW001.48  
4800 x 600 x 13mm Walkway Mesh  
OTHER LENGTHS AVAILABLE



EW001.60  
6000 x 600 x 13mm Walkway Mesh  
OTHER LENGTHS AVAILABLE

Components

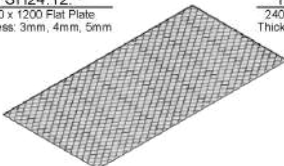
# SHEET METAL



PSH24.12\*  
2400 x 1200 Flat Plate  
Thickness: 3mm, 4mm, 5mm



PSHC03.24.12  
2400 x 1200 Checkerplate  
Thickness: 3mm, 4mm, 5mm



SEC1.2X2.0.60  
2000 x 1250 x 6mm Securomesh





Installation Compliance  
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Components

# HANDRAIL COMPONENTS

(NON-STANDARD STANCHIONS AVAILABLE ON REQUEST)



**HR012**  
Kneelet Flaw



**HR017**  
Handrail Cross Bracket



**HR015\***  
Kneelet Joiner



**XXXXX**  
Wooded Gate  
Stanchion DIMENSIONS



**HR013**  
Handrail Flaw



**HR006.4**  
Stanchion Base Bracket



**HR014\***  
Handrail Joiner



**HR005.\***  
Stanchion And Bracket Kit  
Standard Length: 1173mm / 1210mm



**HR007.1**  
Wall Mounted Stanchion  
Standard Length: 1258mm



**HR007.3**  
Heavy Duty Wall Mounted Stanchion  
Standard Length: 1258mm



**HR007.4**  
Offset Wall Mounted Stanchion  
Standard Length: 1253mm  
Standard Offset: 100mm



**HR024.1**  
Base Mounted Stanchion  
Standard Length: 1053mm



**HR023\***  
Walkway End Stanchion  
Standard Height Above  
Walkway: 1055mm



**HR028**  
Heavy Duty Walkway Side Stanchion  
Standard Height Above  
Walkway: 1027mm



**HR029\***  
Walkway Side Stanchion  
Standard Height Above  
Walkway: 1025mm



**HR030\***  
PM35 Mesh Stanchion  
Standard Height Above  
Mesh: 1028mm



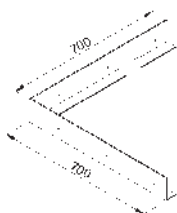
**HR031\***  
PM35 • PM37 • PV36 Mesh Stanchion  
Standard Height Above Mesh: 1028mm



**HR006.2**  
Stanchion Bracket

Components

# LADDER COMPONENTS



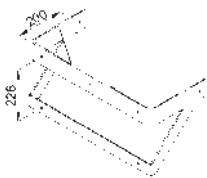
**LD422**  
Side Mount Lining Bracket



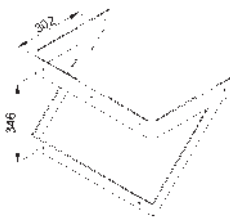
**LD421\***  
Ladder Fixing Bracket  
Standard sizes: 280mm, 400mm, 600mm, 800mm



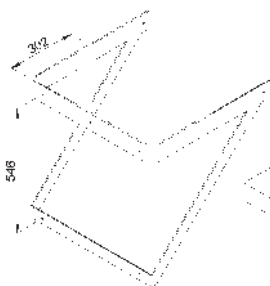
**LD421 WB**  
Ladder To Walkway Bracket



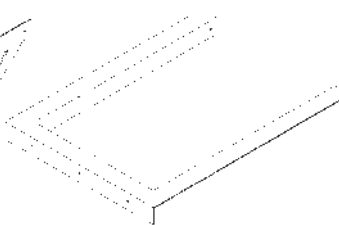
**LD421.280BR\***  
280mm Ladder Bracket With Bracing



**LD421.400BR\***  
400mm Ladder Bracket With Bracing



**LD421.600BR\***  
600mm Ladder Bracket With Bracing



**LD421.1000\***  
1000mm Ladder Fixing Bracket



**LD417\***  
Ladder Solice Joint



**LD009\***  
Ladder Foot Angle



**LD002.1\***  
Vertical Line Ladder Bracket

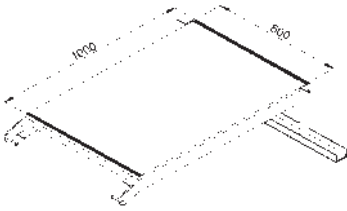


**LD436**  
Ladder Head Safety Bar

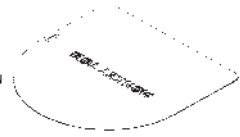


Components

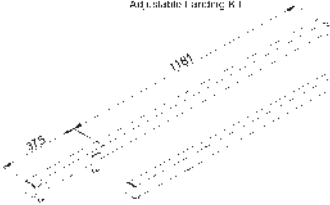
# LADDER COMPONENTS CONT.



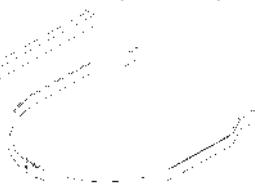
**LD431A.1000**  
Adjustable Landing Kit



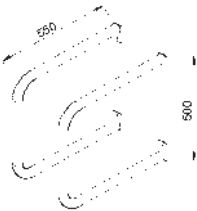
**LD425\* + LD425 FK**  
Ladder Cage Cover Plus Fixings



**LD407\***  
Foot Adjustable Stair Set



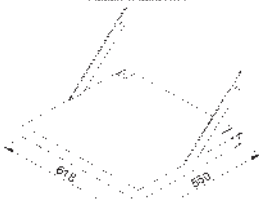
**LD028**  
Ladder Cage Floor Mat



**LD415\***  
Ladder Grating Set



**LD415 A**  
75 Ladder Grating Set



**LD029**  
Foreport Platform



**LD428**  
Fold Down Midway Rest Platform



**LD026 2**  
Ladder Self-Cleaning Gate



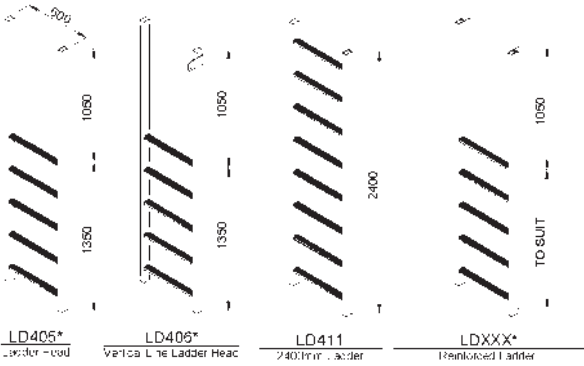
**LD402**  
Roof Mounted Folding Ladder Bracket



**LD401**  
Wall Mounted Portable Ladder Bracket

Components

# LADDER COMPONENTS CONT.

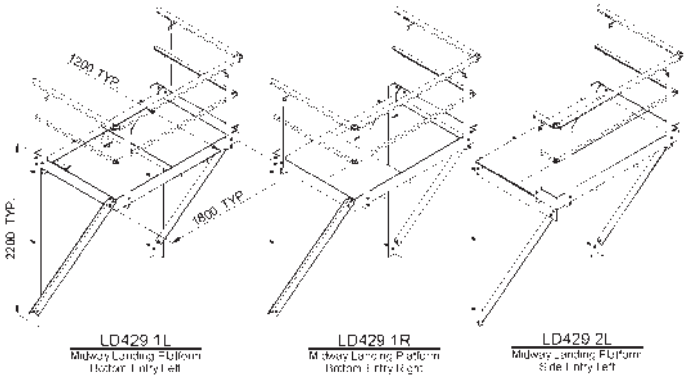


**LD405\***  
Ladder - end

**LD406\***  
Vertical Ladder Head

**LD411**  
240mm Ladder

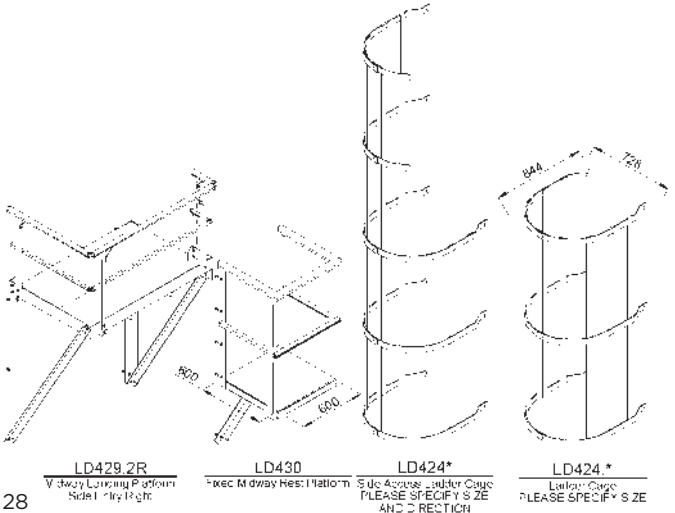
**LDXXX\***  
Reinforced Ladder



**LD429.1L**  
Midway Landing Platform  
Bottom Entry Left

**LD429.1R**  
Midway Landing Platform  
Bottom Entry Right

**LD429.2L**  
Midway Landing Platform  
Side Entry Left



**LD429.2R**  
Midway Landing Platform  
Side Entry Right

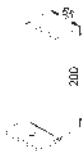
**LD430**  
Fixed Midway Rest Platform

**LD424\***  
Side Access Ladder Cage  
PLEASE SPECIFY SIZE  
AND DIRECTION

**LD424.\***  
Ladder Cage  
PLEASE SPECIFY SIZE

Components

# CONDENSER MOUNT COMPONENTS



**CS015**  
Solidator Box Fixing Profile



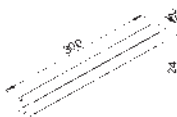
**CS018 20**  
20mm Swivel  
(I or FM1U)



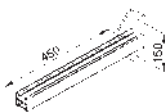
**CS018 24**  
24mm Swivel  
(I or PVC2/FM23/FM05)



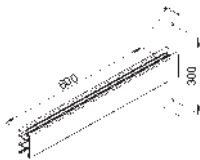
**CS018H**  
20mm Heavy Duty Swivel  
(I or PVC3/FM2E)



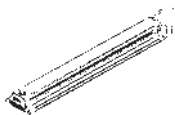
**CS017**  
PVC Splice Joiner



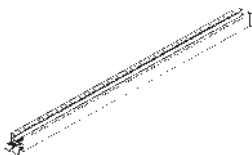
**CW080**  
Standard Wall Mount (FM02)



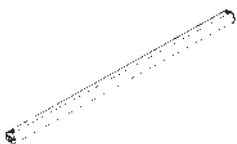
**CW200**  
Heavy Duty Wall Mount (PVC3)



**CS013**  
Adjustable Length (FM1U)  
Standard Lengths: 100mm, 300mm, 400mm



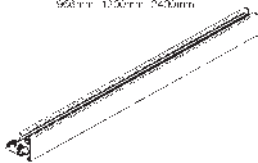
**CS011**  
Standard Adjustable Rail (FM02)  
Standard Lengths: 100mm, 200mm, 300mm, 1500mm, 2500mm



**CS020**  
Standard Roof Rail (FM01)  
Standard Lengths: 900mm, 1300mm, 2400mm



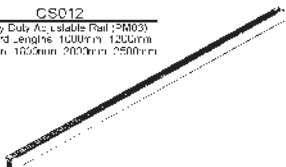
**CS021**  
Standard Rail (FM21)  
Standard Lengths: 1200mm, 1500mm



**CS012**  
Heavy Duty Adjustable Rail (FM03)  
Standard Lengths: 1000mm, 1200mm, 1500mm, 1800mm, 2000mm, 2500mm



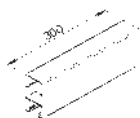
**GM001**  
Slope Down Roof Rail (FM11)  
Standard Lengths: 900mm, 1200mm, 2400mm



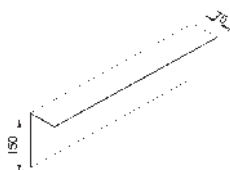
**CS021H**  
Heavy Duty Rail (FM03)  
Standard Lengths: 2400mm, 3000mm

Components

# DUCT SUPPORT COMPONENTS



**DS103.300**  
Roof Rail (PM05)  
300mm



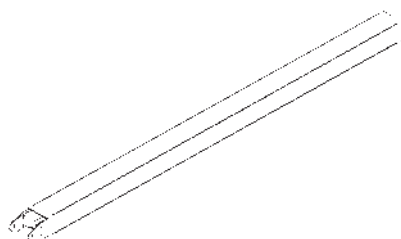
**DS105**  
Support Rail  
Standard Lengths: 300mm, 300mm, 500mm



**DS103**  
Roof Rail (PM06)  
Standard Lengths: 300mm, 1500mm, 2000mm, 2700mm



**DS001**  
Duct Support Swivel

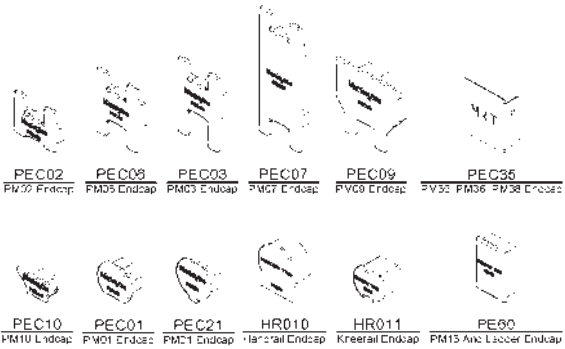


**DS104**  
Vertical Support (PM06)  
Standard Lengths: 1100mm, 1500mm, 1900mm, 2000mm



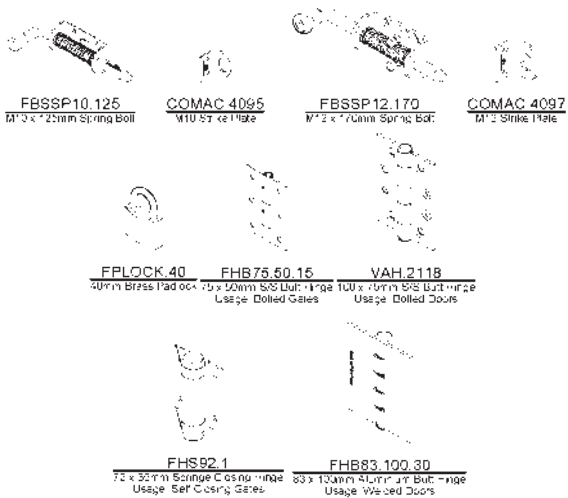
Components

# EXTRUSION ENDCAPS



Components

# STANDARD HARDWARE



Components

# HIDDEN FIX BOLTS



Components

# STANDARD FASTENERS

















|  |  |  |   |                                      |
|--|--|--|---|--------------------------------------|
|  |  |  |   |                                      |
| <b>FBS06*</b><br>M6 S/S Set Screw<br>25mm, 50mm (Doll)   | <b>FBS08*</b><br>M8 S/S Set Screw<br>25mm, 50mm, 75mm, 100mm                             | <b>FBSM08*</b><br>M8 S/S Mushroom Bolt<br>25mm, 50mm, 75mm                         | <b>FBS10*</b><br>M10 S/S Set Screw<br>25mm, 35mm, 40mm, 50mm,<br>65mm, 75mm, 90mm, 130mm (Bolt) |                                      |
|  |  |  |   |                                      |
| <b>FBS12*</b><br>M12 S/S Set Screw<br>40mm, 65mm, 90mm,<br>120mm, 140mm (Bolt)                 | <b>FBS16*</b><br>M16 S/S Set Screw<br>40mm   | <b>FCS10*</b><br>M10 S/S Coarse Screw<br>50mm, 100mm                               | <b>FCS12*</b><br>M12 S/S Coarse Screw<br>50mm, 75mm, 100mm                                      |                                      |
|  |  |  |   |                                      |
| <b>FTBS10*</b><br>M10 S/S Through Bolt<br>75mm   | <b>FTBS10*</b><br>M10 S/S Through Bolt<br>50mm   | <b>FTBS10*</b><br>M10 S/S Through Bolt<br>50mm                                     | <b>FTBS12*</b><br>M12 S/S Through Bolt<br>75mm, 100mm, 140mm                                    |                                      |
|  |  |  |   |                                      |
| <b>FTBS16*</b><br>M16 S/S Through Bolt<br>140mm  | <b>RC05C*</b><br>Zinc Coated Cor In. SLD<br>60mm, 75mm                                   | <b>RC05*</b><br>Galv. Jack Stud<br>50mm, 65mm, 75mm, 100mm,<br>125mm, 150mm, 175mm | <b>FTG01*</b><br>12y Galv. Series 500 Tek Screw<br>32mm, 50mm, 60mm                             |                                      |
|  |  |  |   |                                      |
| <b>FTG02*</b><br>14y Galv. Steel Tek Screw<br>30mm, 30mm, 110mm, 135mm,<br>150mm, 200mm, 250mm | <b>FTG03*</b><br>14y Galv. Timber Tek Screw<br>75mm, 90mm, 115mm,<br>125mm, 150mm, 200mm | <b>FTS01*</b><br>14y S/S Tek Screw<br>22mm, 30mm, 35mm                             | <b>FWS06.1</b><br>M6 S/S Washer   | <b>FWS08.1</b><br>M8 S/S Washer      |
|  |  |  |   |                                      |
| <b>FWS10.1</b><br>M10 S/S Washer   | <b>FWS10.2</b><br>M10 S/S Spring Washer  | <b>FWS12.1</b><br>M12 S/S Washer   | <b>FWS12.3</b><br>M12 S/S Spring Washer   | <b>FWS16.1</b><br>M16 S/S Washer     |
|  |  |  |   |                                      |
| <b>FNS06.1</b><br>M6 S/S Nylon Nut   | <b>FNS08.1</b><br>M8 S/S Nylon Nut   | <b>FNC08</b><br>M8 S/S Nut Cap   | <b>FNS10.1</b><br>M10 S/S Nylon Nut   | <b>FNS10.2</b><br>M10 S/S Spring Nut |





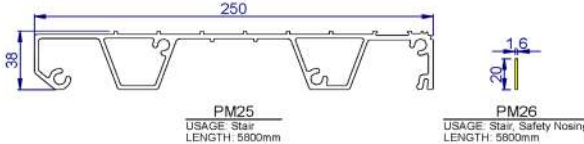
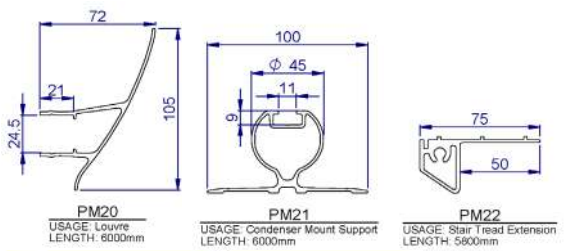
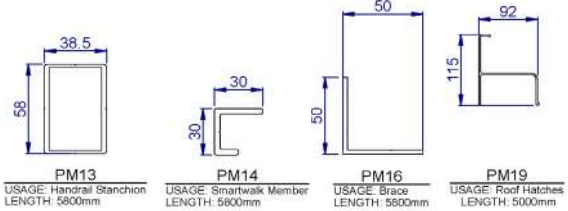
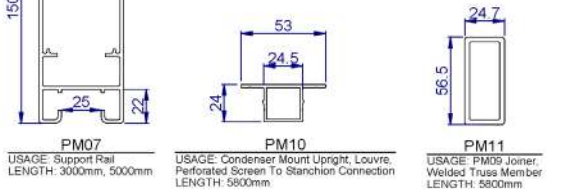
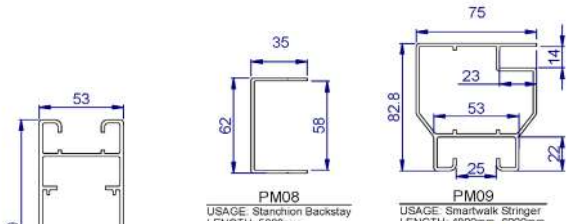
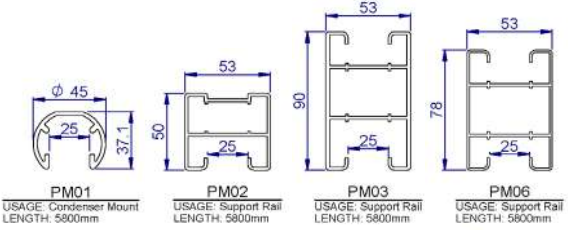
Components

# STANDARD FASTENERS CONT.

|   |   |   |  |   |
|---|---|---|--|---|
|    |    |    |   |   |
| <b>FNS10.3</b><br>M10 S/S Hex Nut   | <b>FNS10.4</b><br>M10 S/S Spring Nut With Stud                                      | <b>FNS10.5</b><br>M10 S/S Dome Nut  | <b>FNS12.1</b><br>M12 S/S Flyhook Nut  |   |
|    |    |    |   |  |
| <b>FNS12.2</b><br>M12 S/S Dome Nut  | <b>FNS12.3</b><br>M12 S/S Hex Nut   | <b>FNS16.1</b><br>V16 S/S Flyhook Nut   | <b>FWN32</b><br>M6 Neoprene Washer   | <b>FWN35.12</b><br>M12 Neoprene Washer  |
|    |    |    |  |   |
| <b>FTRS10</b><br>M10 S/S Threaded Rod<br>1300mm MAX<br>CUT TO SUIT                  | <b>FTRS12</b><br>M12 S/S Threaded Rod<br>1300mm MAX<br>CUT TO SUIT                  | <b>FRB05</b> <sup>A</sup><br>M6 ALUMINIUM RIVET<br>25mm 35mm 45mm                   | <b>EW011.10</b><br>M10 ALUMINIUM PACKER<br>50 x 50 x 10                            |   |
|  |  |  |  |   |
| <b>EW011.12</b><br>M12 ALUMINIUM PACKER<br>50 x 50 x 10                             | <b>FBC</b><br>S/S Beam Clamp  | <b>LD934.20</b><br>M8 S/S Toggle Bolt   |  |   |

Extrusions

# PROFILE GUIDE

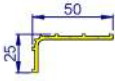




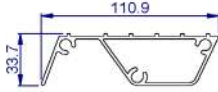
Installation Compliance  
Guide

Extrusions

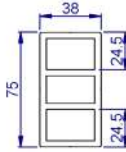
PROFILE GUIDE CONT.



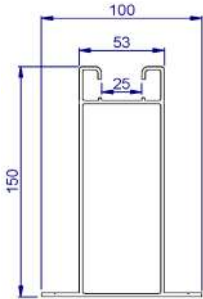
**PM27**  
USAGE: Safety Nosing  
LENGTH: 5800mm



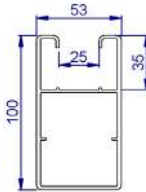
**PM28**  
USAGE: Stepladder Tread  
LENGTH: 5000mm



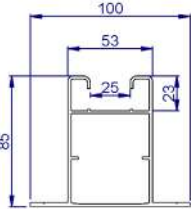
**PM29**  
USAGE: Heavy Duty Handrail Stanchion  
LENGTH: 5000mm



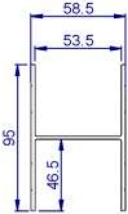
**PM34**  
USAGE: Screen Support/Heavy Duty Rail  
LENGTH: 5800mm



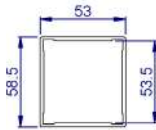
**PM35**  
USAGE: Truss Member,  
Tape Down Support Rail  
LENGTH: 6100mm



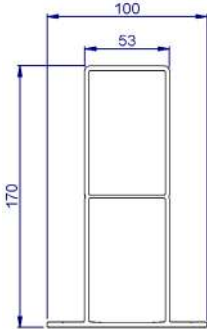
**PM36**  
USAGE: Tape Down Support Rail  
Truss Member, Mesh Support  
LENGTH: 6100mm



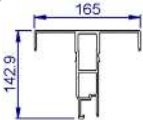
**PM37**  
USAGE: Truss Member,  
Joiner For MKT Extrusions  
LENGTH: 6000mm



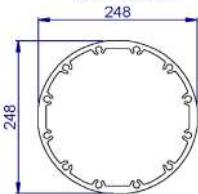
**PM38**  
USAGE: Truss Member,  
Joiner For MKT Extrusions  
LENGTH: 6000mm



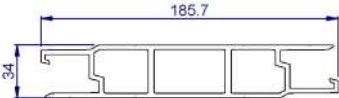
**PM39**  
USAGE: Heavy Duty Rail  
LENGTH: 4000mm, 6000mm



**PM40**  
USAGE: X-Beam Flange  
LENGTH: 11000mm



**PM50.W6**  
USAGE: Support Column For X-Beams  
LENGTH: 4000mm

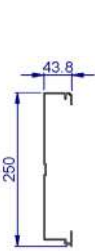


**PM41**  
USAGE: X-Beam Web Section  
LENGTH: 11000mm



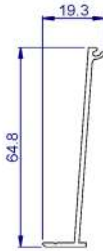
Extrusions

PROFILE GUIDE CONT.



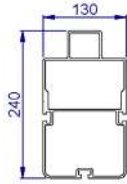
**PM51**

USAGE: Hushmonkey Acoustic Panel  
LENGTH: 4810mm



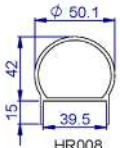
**PM43**

USAGE: X-Beam Cap  
LENGTH: 11000mm



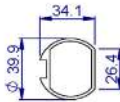
**PM45**

USAGE: Acoustic Screens  
LENGTH: 4800mm



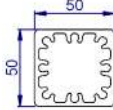
**HR008**

USAGE: Handrail  
LENGTH: 5800mm



**HR009**

USAGE: Kneerail  
LENGTH: 5800mm



**CB001**

USAGE: Balustrade  
LENGTH: 6000mm



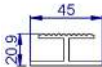
**CB002**

USAGE: Balustrade  
LENGTH: 5000mm



**CB003 + CB006**

USAGE: Balustrade  
LENGTH: 5000mm



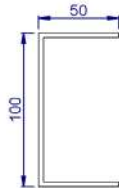
**EW003**

USAGE: Mesh Joiner  
LENGTH: 5000mm



**EW004**

USAGE: Mesh Edge  
LENGTH: 5000mm



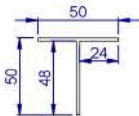
**PC100.50.03**

USAGE: Step Ladder Stringer  
LENGTH: 5000mm



**PC30.25.3**

USAGE: PM06/PM03 Joiner  
LENGTH: 5000mm

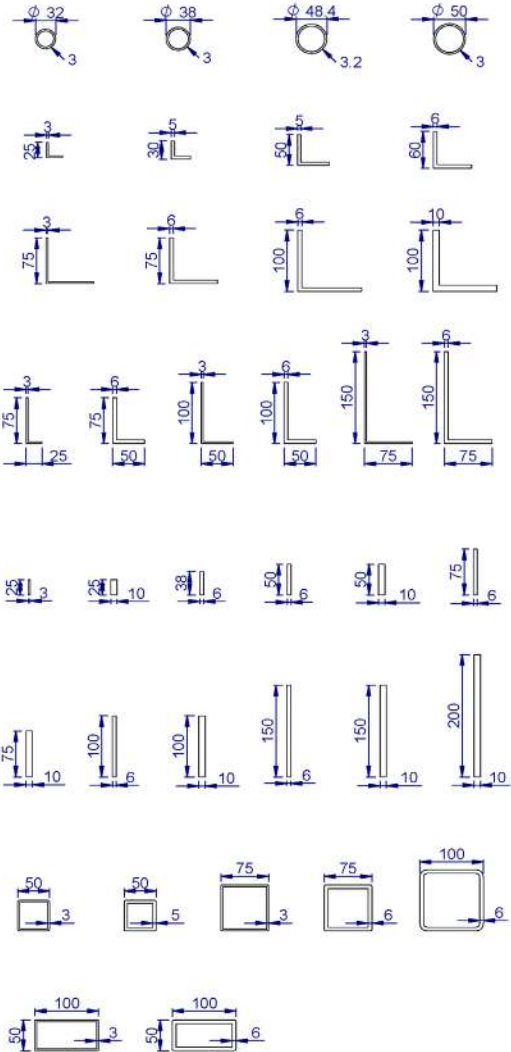


**PT050.050.02**

USAGE: Acoustic Screens  
LENGTH: 5000mm

Extrusions

# PROFILE GUIDE CONT.





# SITE REQUIREMENTS

- All incidents and near misses must be recorded and reported to the Project Manager (this can be done on the Responder app).

---

- Where an SSSP is in place, a Toolbox meeting must be held and recorded.

---

- Where safety gear is provided, it must be worn.

---

- Photos must be taken prior, during and on completion of installation to record the condition of the work area.

---

- All damage/rubbish or concerns caused by other trades must be reported prior to commencement, during and on completion of works.

---

- Quality assurance forms must be completed once the project has finished.





# PRODUCER STATEMENTS

- **PS1** - Engineer sign-off to say that the structure being built is strong enough

---

- **PS2** - Engineer to double check the engineers work that completed the PS1 (peer review)

---

- **PS3** - Statement that guarantees completion and compliance

---

- **PS4** - An onsite inspection from an engineer that confirms the product has been installed as per the drawing

---

## PLEASE NOTE.

All jobs shall be installed as per the provided drawings, and if for some reason this is not possible, verbal confirmation of the change in scope, **MUST** come from your Project Manager.





## Contacts.

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|                 |               |              |
|-----------------|---------------|--------------|
| <b>Director</b> | Tim Prestidge | 027 220 7559 |
|-----------------|---------------|--------------|

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|                        |                |              |
|------------------------|----------------|--------------|
| <b>General Manager</b> | Budd Prestidge | 027 220 7560 |
|------------------------|----------------|--------------|

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|                           |                |              |
|---------------------------|----------------|--------------|
| <b>Operations Manager</b> | Brad Dombroski | 027 373 7258 |
|---------------------------|----------------|--------------|

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|                                |              |             |
|--------------------------------|--------------|-------------|
| <b>Auckland Branch Manager</b> | Ian McMillan | 021 442 160 |
|--------------------------------|--------------|-------------|

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|                                 |             |              |
|---------------------------------|-------------|--------------|
| <b>Auckland Project Manager</b> | Bertus Smit | 027 327 0534 |
|---------------------------------|-------------|--------------|

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|                                 |                    |             |
|---------------------------------|--------------------|-------------|
| <b>Auckland Project Manager</b> | Heinrich Pretorius | 021 583 741 |
|---------------------------------|--------------------|-------------|

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|                                 |                |              |
|---------------------------------|----------------|--------------|
| <b>Southern Project Manager</b> | Steve Williams | 027 482 9799 |
|---------------------------------|----------------|--------------|

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|                                    |              |               |
|------------------------------------|--------------|---------------|
| <b>Health &amp; Safety Manager</b> | Paul Olckers | 021 0881 2029 |
|------------------------------------|--------------|---------------|

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|                           |              |              |
|---------------------------|--------------|--------------|
| <b>Draughting Manager</b> | Ben Halliday | 027 900 2541 |
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| <b>Workshop Foreman</b> | Mason Laing | 027 204 3988 |
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| <b>Freight Manager</b> | Damian Thomas | 021 240 9185 |
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# Monkeytoe Values.

## VISIONARY

- Measure your decisions against the long-term goal
- Be versatile and receptive to other ideas
- Be constantly looking for new ideas

## OWNERSHIP

- If it's your area of responsibility, own the challenge, own the project and deliver it to the required standard
- Own your mistakes and announce your victories
- Trust & empower other to be taking responsibility to believe, belong, and behave like an owner

## INNOVATION

- Challenge the status quo if you can see a better way
- Always look for new opportunities to make 'everything better'
- Embrace challenges, identify solutions, overcome problems

## COLLABORATIVE

- Communicate well - be honest, open and fair
- Make the interests of the team and the customer your own
- Treat others as you like to be treated

## EXCELLENCE

- Foster excellence in yourself and embrace it in your colleagues
- Bring motivation and commitment to work every morning
- Have fun and keep a positive attitude



**Outstanding in any dimension.**

[www.monkeytoe.co.nz](http://www.monkeytoe.co.nz)



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